

The world's favourite children's magazine



NATIONAL
GEOGRAPHIC



WIN!
TWO WILD
FAMILY
ADVENTURES

KIDS

**GREEN
SPECIAL!**

**TERRIFIC
TIGERS!**



**ROLL UP
WITH
AWESOME
ARMADILLOS**

**121 PRIZES
INSIDE!**



**WILD
WEIRD
CRAZY
FACTS!**

**'One funny,
fabulous, pile-driving
BLAST of a book'**
Liz Pichon, author of *Tom Gates*

**'The funniest book
I've read this year'**
Katherine Rundell, author of
Rooftoppers

READY TO TAKE ON THE WORLD...

Jake and his dad have a **secret**.

By day George Biggs knocks down buildings,
but at the weekends he's the

Master of Disaster, King of Sting,

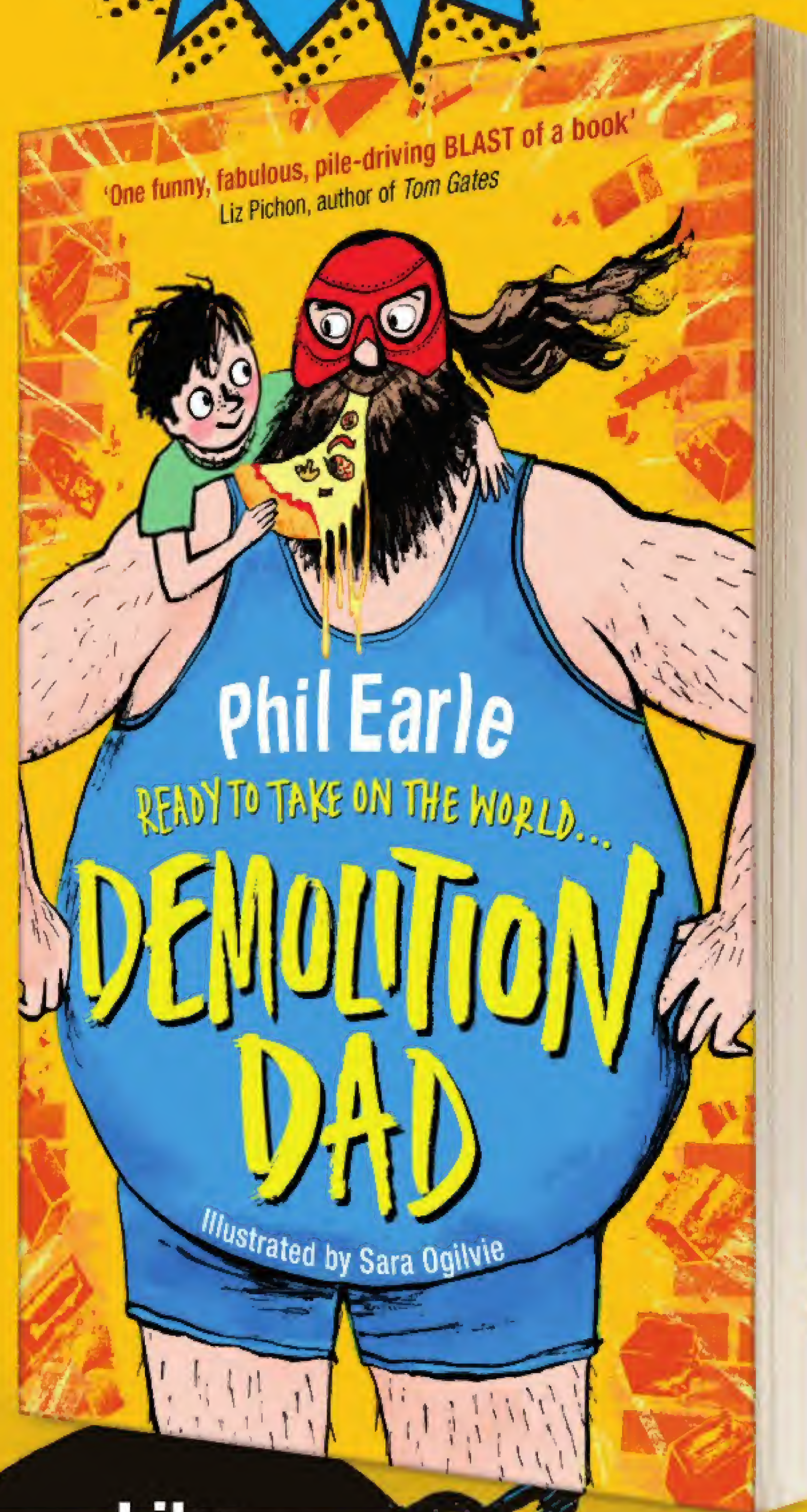
wrestler extraordinaire, the **one** and **only**

DEMOLITION MAN!

One **bump** with his **belly** lands any
opponent straight on their **bum!**

Now Jake has a plan to make Dad world-famous.

What could possibly go wrong...?



Illustrations © Sara Ogilvie

**Like
David Walliams?
You'll love
DEMOLITION
DAD**

OUT NOW!

Buy it at your local Waterstones
or Waterstones.com

NATIONAL GEOGRAPHIC KIDS

Hey, Gang!

This month's mag is our Green Special, so we find out what happens to all the cans, bottles and paper that we put in recycling bins – you won't believe what your old plastic milk cartons can be turned into!

We also discover more about endangered tigers, rhinos and mountain gorillas, and find out how you can help them. Plus, we check out 30 cool facts about going green!

Also this issue, we roll around with some hilarious-looking armadillos and celebrate the Hubble Space Telescope's 25th birthday.

Enjoy the issue!

See you next month,
Tim



Tim

What's inside...



GREEN SPECIAL!

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Tiger Trouble!

Meet the world's largest big cats and find out how YOU can help them



19

From Old To New!

Discover more about the wonderful recycling you do

FREE this issue...



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POSTERS!

Download a QR code scanner from your app store. Then when you see this smartphone in the magazine, scan it for extra content



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Cool To Be Green!

Check out these 30 fantastic facts about going green



34

Goofballs!

Get up close to these awesome armoured armadillos

PLUS!

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Write to NG KIDS

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**FUN
FESTIVALS**

**26
MAY**

Inside SCO

The latest news and
from ar

Monkey & Wombat
by Thurstonland
School won
the Under-12's
Animation Award!

**INTO FILM
AWARDS!**



Nat Geo Kids headed to London's Leicester Square last month to attend the inspiring **Into Film Awards!**

Kids aged 5–19 from around the UK entered their short films in four different categories, and famous stars presented awards to the young winners. Well done, guys!

● Watch all the winning short films on our website at ngkids.co.uk/into-film-winners

CHEUNG CHAU BUN FESTIVAL

The island of **Cheung Chau**, off the coast of **Hong Kong**, China, is home to this tasty festival. Following a colourful parade (originally intended to drive off evil spirits), the highlight is the **bun scrambling competition**. People stand at the bottom of a 14-m-tall bamboo tower, covered in 9,000 buns. On the signal they scramble up, trying to collect as many buns as they can in three minutes – the higher the bun, the better luck they're said to get!

ANCIENT TREASURES UNCOVERED!



A team of archaeologists and anthropologists accompanied by a film crew have recently returned from a remote jungle in **Honduras, Central America**. There, they explored, mapped and surveyed the remains of a little-known **ancient city**, which thrived 1,000 years ago.

AMAZING OBJECTS

Though the site has been known about for the last few decades, this latest expedition to the area revealed more information than ever before. It also uncovered an incredible **hoard of stone sculptures**.

The ancient artefacts, found at the **base of a pyramid**, appeared to be untouched and experts think they may have been an offering to an **ancient god**. The tops of 52 objects were found peeking out of the ground, including vessels carved with **snakes** and **vultures**.

Though the objects have all been documented, they have *not* been removed. The exact location has not been revealed so as to protect the area from looters. Experts are also worried the site may be in danger from deforestation.

● Find out more at nationalgeographic.com



A stream winds through Mosquitia jungle in eastern Honduras, near to where the 'lost' city was found

One of the stone figures discovered appears to be wearing a helmet!



TOP

fantastic facts
around the globe...

Derbyshire Wildlife Trust
show off their art!



IT'S OUR WORLD!



Get your school or youth group to take part in nationwide art project, **It's Our World**, a creative celebration of our environment! The project aims to create the UK's largest online gallery of artworks mapping the British Isles. So far, subject matter has ranged from close-up plant studies to urban landscapes and seaside sculptures. The entire collection will be handed over to the **British Library**, providing a lasting record of how young people in the UK view their world. Cool! Head to itisourworld.org.uk to check out some of the amazing artworks already submitted and ask your teacher to email admin@itisourworld.org.uk to get a code and upload the artworks made by YOUR class!



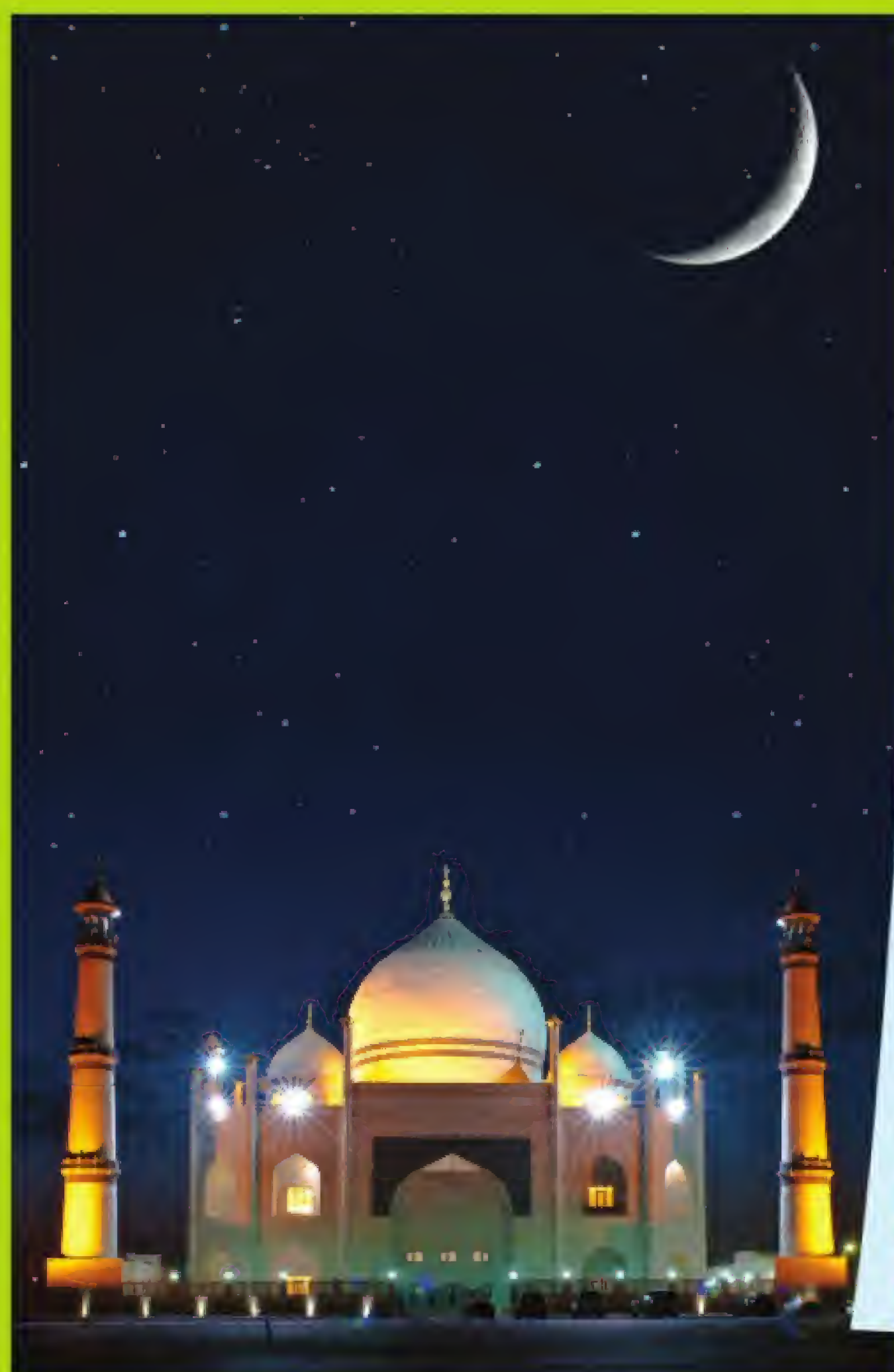
BLACKBIRDS ARE TOP OF THE CLASS!

Do these bright-beaked beauties visit YOUR playground?



Did your school take part in the **Big Schools' Birdwatch** this year? The results from the RSPB's nationwide survey of birds in playgrounds are now in, and it turns out that **blackbirds** are the most spotted species in school yards across the UK! Of the

schools that took part, **89%** reported seeing the songbirds, with an average of seven per school. **Starlings** were second, with **house sparrows** in third place. The event provides an important insight into how different species are doing – and inspires kids like you to give nature a hand!



3 FAST FACTS RAMADAN

The Muslim Holy month of Ramadan begins on 18 June this year, a special time for over 1.6 billion Muslims around the world. Find out more...

1 During **Ramadan**, many Muslims fast (stop eating and drinking) during daylight hours. This is to help learn self-control and teach compassion for the poor and hungry.

2 Ramadan is also a time for Muslims to give up bad habits, and spend more time praying and reading their Holy book, known as the **Qur'an**.

3 The last day of Ramadan (17 July) is known as **Eid-ul-Fitr** (The Feast of Fast Breaking). On this day, there's a big celebration, and a big daytime family meal. Muslims dress in their fanciest clothes, spend time with family and give gifts to their kids. Nice!

**Make it a
DATE**
What's going on
this month?

5 June

Wear it Wild
Dress up to
save animals!
Head to page 16 to
learn more!



8 June

**World
Oceans Day**
Our seas are swell!
worldoceansday.org



13-21 June

Bike Week
A celebration of cycles!
Find an event near you
at bikeweek.org.uk



21 June

Summer Solstice
It's the longest day
of the year!



22-28 June

Recycle Week
Go green this week!
Find out about
recycling on page 19



Weird WORLD!

Check out the planet's strangest RECYCLING pictures...

ITALY



Beautiful boxes!

Look what you can do with a few bits of cardboard – and a lot of skill! **Chris Gilmour** has built motorbikes, cars and even a dentist's chair (and drills!) out of old boxes and food cartons. He tries not to remove the original printing and labels from the card, so he can show what his models *used* to be.

SWITZERLAND



Rev 'n' roar

Have you ever visited an old car junk yard? Well, Swiss artist **Tom Samui** loves them! He creates extraordinary metal sculptures out of mucky old car and motorcycle parts. Tom cleans and sorts all the pieces, then welds them together to make incredible creatures – like this lion!

FRANCE

Look what washed up!

Artist **Gilles Cenazandotti** scours the French seaside looking for bits of plastic litter – and then turns them into strikingly detailed sculptures of endangered animals.



Look what washed up / Rev 'n' roar / Beautiful boxes / Scrap in a flap: WENN
Peculiar pumps: Getty Images UK. Trans-Farm-ers: Reuters.

SCRAP IN A FLAP

Russian sculptor **Igor Verniy** makes birds, bees, butterflies and bats out of disused watches, electronics, bric-a-brac and scrap metal. Cool!



TRANS-FARM-ERS

Yao Fuxing, from Hejian in China, made this model of *Transformers'* Optimus Prime for his son's 18th birthday. He used abandoned vehicles and bits of old farm machinery!



PECULIAR PUMPS

Eco-friendly Australian artist **James Dive** figured out a better use for disused petrol pumps – he turned them into bookcases, robots and, our fave, dog kennels. Woof!



How much would you give to keep me safe?



...LESS THAN £1 PER WEEK?

Adopt a dolphin and you'll be helping to give the amazing dolphins of Scotland's Moray Firth a future

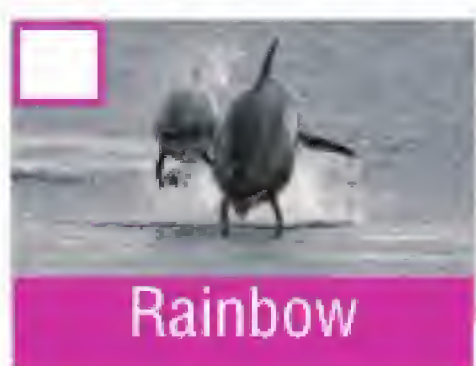
We must act now. The survival of these intelligent and charismatic dolphins is threatened. **Adopt one of six dolphins and you can help us protect them.** You will receive lots of stuff including a personalised certificate with picture of your dolphin, a set of fun stickers, a

colourful WDC badge and a great quarterly magazine, **SPLASH!** We'll keep you up to date on their daily lives through Twitter and our blog, plus you'll receive a monthly e-newsletter and email Christmas card. **Now isn't that £1 well spent?**

To adopt visit adoptadolphin.com or call us on 01249 449500



Adopt Rainbow or one of her friends: Please tick the box of your chosen dolphin



Please indicate how much you would like to give each month: ☐ £4 ☐ £6 ☐ £8
starting on the ☐ 1st or ☐ 23rd of each month
☐ I pledge to support WDC for at least 12 months (please tick)

Payer's details

TITLE _____ FIRST NAME _____ SURNAME _____
ADDRESS _____
POSTCODE _____ TEL NO _____
EMAIL _____ DATE OF BIRTH ____/____/____ (ESSENTIAL IF UNDER 18)
Please send: ☐ Adult pack or ☐ Under 14 pack

Recipient's details (if applicable)

☐ Tick this box if your adoption is a gift and complete the gift recipient details below:
TITLE _____ FIRST NAME _____ SURNAME _____
ADDRESS _____
POSTCODE _____
TEL NO _____ DATE OF BIRTH ____/____/____ (ESSENTIAL IF UNDER 18)
GIFT MESSAGE _____
Would you like to send this adoption to the recipient: ☐ yes ☐ no

Instruction to your bank or building society to pay by Direct Debit



Originator's identification number **9 4 1 0 5 1**

1. Name and full postal address of your bank or building society

TO THE MANAGER OF _____ BANK/BUILDING SOCIETY
ADDRESS _____
POSTCODE _____

2. Name of account holder(s)

3. Brand sort code - -

4. Bank/building Society account number

5. Instruction to your Bank or Building Society

Please pay WDC Direct Debits from the account detailed on this instruction, subject to the safeguards assured by the Direct Debit guarantee. I understand that this instruction may remain with WDC and, if so details will be passed on electronically to my bank/building society. Banks and building societies may not accept Direct Debit instructions for some types of account.

Signature(s) _____

Date _____

For more information about adopt a dolphin, please visit adoptadolphin.com or call 01249 449500. We'd like to keep you up to date with our campaigns, projects and how you can support them. Please tick the box to make sure we can. ☐ Yes, please keep me up to date. We will not pass your details on to any third parties. WDC is a company limited by guarantee registered in England, number 27327421, registered charity number 1014705. Photos © WDC/Charlie Phillips



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WDC, 38 St Paul Street, Chippenham SN15 1LJ

PA-NGKD-15-04-14-AAD

Incredible stories from the files of...

GUINNESS WORLD RECORDS



I think I look rather ap-pee/-ing!

JUICY JUGGLING!



Can you juggle? Well, try eating apples *and* juggling with them at the same time! Go on, give it a whirl! Michael Goudeau, from the USA, holds the record for taking the most bites out of three apples while juggling in one minute – a whopping 151! *Eat that!*

Nancy's nifty with her tootsies!



FEET WITH FIRE!



Archery isn't easy at the best of times. But Nancy Siefker, from California in the USA, fires arrows with her feet! The circus artist holds the record for the farthest arrow shot into a target using feet – a remarkable 6.09m (20 ft). *Don't try this one at home, gang!*

Romulus rules Cara's ranch!



172.72cm

DON'T MESS WITH ME!



Meet Romulus, the tallest living donkey in the world. He measures 17 hands (172.72cm) from hoof to withers (the ridge between the shoulder blades). But watch your back – because the nine-year-old *American mammoth jackstock* and his twin brother, Remus, are used by owners Cara and Phil Yellott from Red Oak, USA, as *guard donkeys*. "They protect our horses and cows from coyotes and other predators," says Cara. Kickin'!



ADVENTURE HOLIDAYS
for 7-17 year olds

“BEING ABLE TO
HAVE FUN OUTSIDE,
THE RANGE OF ACTIVITIES
AND THE STAFF
WERE A GOOD LAUGH.”

Ethan, age 13

WHEN SCHOOL'S OUT, PGL'S IN!

Since 1957, over 8,000,000 children and parents have discovered what makes PGL the UK's no.1 for children's adventure and activity holidays. This year we hope you will too.

With all activities, tuition, meals and accommodation included, and more choice than ever before including everything from birthday parties to 2, 3, 4 and 7 night breaks, our holidays offer incredible value for money. Plus our introductory* holidays start from only £99 per child.



New 2015 brochure pack
with exclusive offers out now

0500 749 147

www.pgl.co.uk/holidays

*Limited places available.
New customers only.

ABTA
ABTA No.V2683

This month's coolest movies, TV shows, DVDs, Blu-rays and books...

WHAT'S UP?!

TOMORROWLAND

★ We're well excited about this new time-travelling thriller from Disney! When bright teenager Casey finds a pin-badge which can hurtle her to another dimension, she teams up with former boy-genius Frank (see pic, right) to find out what it all means. The pair embark on a dangerous mission to unearth the secrets of 'Tomorrowland' – a place somewhere in space and time where *nothing* is impossible and the world can be changed forever. Can they fix the future? This adventure will keep you guessing 'til the very end!

● In cinemas 22 May! Certificate PG.

Frank and his younger self in this gripping film!



MOVIE

Can Frank save the future?!

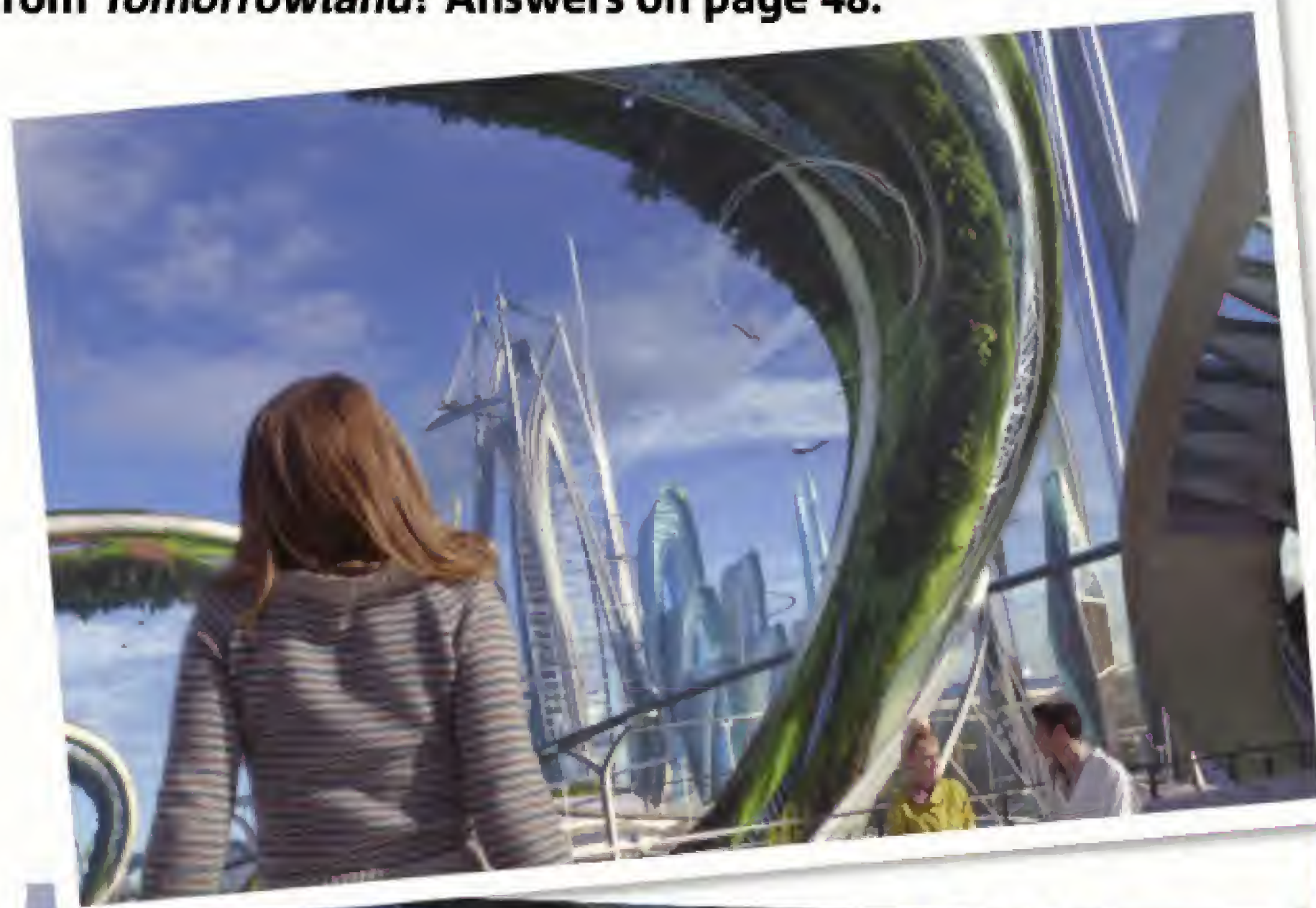


Casey's badge is super cool!



Sci-fi spot the difference!

Can you find five differences between these two pics from *Tomorrowland*? Answers on page 48.



BEHIND THE SCENES!

Four fun facts from the making of the movie!

1 Child actors **Thomas Robinson** and **Raffey Cassidy**, who play **Frank** (as a kid) and **Athena** in the film, lost their baby teeth at various times during filming. To hide the gaps, they both had to wear temporary teeth called 'flippers'!



2 Raffey Cassidy had training in swimming, gymnastics, wirework and martial arts for the movie – her character Athena is a super-strong robot that *doesn't* age. Wow!

3 For the farm scenes, the filmmakers paid a real-life farmer to grow a type of wheat that was the *exact* shade of amber wanted by the director!



4 *Tomorrowland* was filmed in over 90 different combinations of sets and locations, including Paris, the Bahamas, Canada, California and Valencia in Spain. Woah!

The Moomins dress for dinner!



MOVIE

Moomins on the Riviera

★ This charming hand-drawn animation follows the fortunes of the Moomin family as they leave Moominvalley and set sail for the French Riviera.

Arriving in this posh new place, the Moomins start acting a bit oddly, as they try to impress the fancy guests – much to the exasperation of Moominmamma! Will they come to their senses and remember the Moomin motto – 'Live in peace, plant potatoes and dream'?

Your folks (and maybe even your grandparents!) will probably remember these funny fellas from story books and comics that were around when THEY were kids!

● In cinemas 22 May. Certificate U.

Can Fawn (left) and Tinker Bell help save the NeverBeast?!



BLU-RAY

Tinker Bell and the Legend of the NeverBeast

★ When an enormous creature arrives in Pixie Hollow, the fairies that live there are frightened it will destroy their home. But feisty fairy Fawn sees a tender heart beneath the creature's gruff exterior. Can she convince the others to rescue the mysterious NeverBeast?

● Out on Blu-ray and DVD 20 April! Certificate U.



WIN!

We have five Blu-rays up for grabs!

Q Which story did Tinker Bell originally appear in?

- a) *The Lion King* b) *Peter Pan*
c) *The Lion, the Witch and the Wardrobe*

Get ready for a fantastic mix of music and magic!

DVD

Into the Woods

★ After an evil witch puts a curse on a baker and his wife, they must find and retrieve items from classic fairy tales in order to reverse the spell! With appearances from Cinderella, Little Red Riding Hood, Jack and the Beanstalk, and Rapunzel, this film is packed full of adventures – not to mention loads of magical songs!

● Out on DVD 18 May. Certificate PG.



Boudicca battles it out in this crazy new series!

Horrible Histories

★ Everyone's favourite history TV show is back, with even more revolting sketches, silly songs, gruesome gags and hideous hilarity than ever before. Kicking off with an exploration of Alfred the Great, the exciting new cast will have you constantly squirming in your seat!

● The new series of *Horrible Histories* is on CBBC from 25 May!

TV

How We Make Stuff

Christiane Dorion

★ Does chocolate grow on trees?

What's the link between gorillas and mobile phones? This book explores these questions and many more! Packed with amazing facts, hidden pull-tabs and extra mini booklets, you'll never look at your

burger or jumper the same way again!



WIN!

We've got five of these cool pop-up books up for grabs!

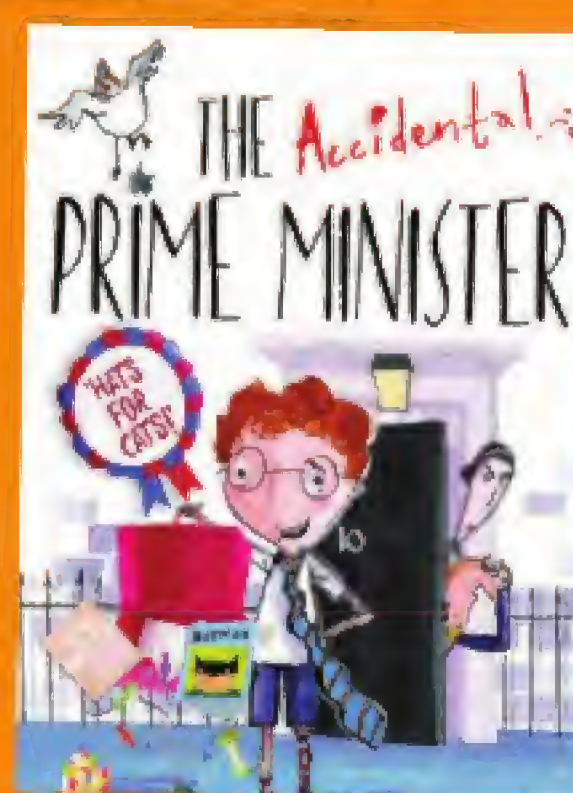
Q What are most leather products made from?

- a) Cow skin b) Plastic c) Recycled paper

The Accidental Prime Minister

Tom McLaughlin

★ Life takes a very sudden turn for 12-year-old Joe Perkins when an online video of him ranting at the rubbish Prime Minister goes viral. Soon the public are calling for HIM to be in charge instead! Banana-shaped buses and banning the word 'LOL' are just a few of his ideas... but will it all go smoothly when he moves into Number 10?



WIN!

Want to win one of five copies of *The Accidental Prime Minister*? Answer this question to be in with a shout!

Q Can you unscramble the letters to reveal the name of a UK political party?
OLBAUR

Tom's Midnight Garden

Philippa Pearce

★ After moving in with his aunt and uncle for the summer, young Tom grows bored and lonely. But one night, upon hearing the clock strike 13, Tom discovers a secret garden, where he meets another lonely child. What could lie in store for Tom in this magical place?...



WIN!

You could scoop one of five copies of this classic tale, first published way back in 1958!

Q Which of the following is NOT a garden flower?

- a) Daffodil b) Pizzaflower c) Daisy

Flick to page 47 to enter any of these cool competitions!

The BIG PICTURE

Eta Carinae



DID YOU KNOW...?

The Hubble Space Telescope is a huge solar-powered telescope in Earth's orbit. Launched by NASA in 1990, it's the length of a bus and weighs as much as two adult elephants!

Toil and trouble...



You're looking at a region of space that's a whopping 7,500 light years away from Earth (one light year is 9.4 trillion km!). Fifty light years wide – that's 470 trillion km – this picture shows part of the **Eta Carinae Nebula**, an immense cloud of gas and dust, containing a mix of hot young stars, dying stars and areas where stars are being formed. The main star, **Eta Carinae** (far left) is believed to have 100 times the mass of our own star, the Sun (it contains up to 100 times the amount of matter) and is five million times brighter, too!

But we'd know far less about this incredible part of our galaxy if it wasn't for the **Hubble Space Telescope**, which took this remarkable image. The telescope has just celebrated its 25th anniversary in space, so we can't wait to see what pictures it takes over the next quarter of a century. Happy birthday, Hubble!

TIGERS IN TROUBLE



Shockingly, over the last 100 years, more than 95% of all wild tigers have disappeared. We take a look at the largest – and most majestic – of all big cats, learn why they're threatened and discover what's being done to help them...

Ears can swivel round to listen for prey in all directions. On the back of each ear is a white spot that may be used to confuse predators or to signal to other tigers.



A stripy **coat** provides excellent camouflage when sneaking up on prey through tall grass or trees. If you were to shave a tiger you'd find the markings on their **skin**, too.

Big round **pupils** help a tiger see in the dim light of the early morning or late evening when they hunt. Their night vision is around six times better than ours!

Tigers' **noses** can sniff out info from each other's wee, such as age, gender and willingness to mate. Their urine – which is used to mark territories – can smell like popcorn!

Long, sensitive **whiskers** allow a tiger to feel its way through the night.

The mighty **roar** of a tiger can be heard up to 3km away. Tigers also grunt, growl, roar, moan, snarl, chuff, hiss and gasp to communicate.

Big, powerful **jaws** crush prey easily, biting through bones with canine teeth that are up to 10cm long.

Tigers' **tongues** are covered in small pointy protrusions. This rough texture acts like a comb and helps them to strip feathers and fur from food.



One powerful swipe from a tiger's massive front **paw** may be strong enough to smash the skull of its victim. Woah!

They may be big and heavy, but tigers are also **fast**! They can reach up to 60kmph, and their muscular **legs** allow them to leap over 5m.

HUNTING!

Solitary creatures, tigers **hunt alone**, usually at dawn or dusk. They quietly stalk their prey – which can be **five times** their size – unseen, until they're close enough to pounce! Then they use their huge bodies to knock prey to the ground, killing it with a bite to the neck or back of the head. However, only **one in ten** hunts is successful.



SWIMMING!

Tigers are excellent **swimmers** and like playing or cooling off in water.



JUBILEE!

Join us as we come face to face with the biggest big cat on the planet and find out why it's in danger...

FACT BOX

Lives: Small populations can be found in 13 Asian countries, including **India, Indonesia, China** and the far east of **Russia**.

Habitat: Different species live in many varied habitats, from grasslands and tropical forests to savannah, swamps and snowy mountains.

Numbers: There are as few as 3,200 of these *endangered* big cats left.

Size: They're the largest and heaviest wild cats in the world! Male adult **Amur** tigers can weigh over 300kg – that's about the same as *nine* ten-year-old children!

Eats: These meat eaters mainly feed on deer, wild boar, and buffalo. They may also take down bigger prey such as small elephants.

TYPES OF TIGER

Today, there are six subspecies of tiger – **Bengal, South China, Indochinese, Sumatran, Malayan** and **Amur**. Sadly, three subspecies of tiger have become extinct – **Caspian, Bali** and **Javan**.



Tiger threats

Although tigers have been prowling around our planet for two million years, these beautiful big cats are now in danger. Here's why...

Poaching

Many people believe that tigers' body parts can be used to cure illnesses, one reason so many are killed. Their skin, bones, meat and organs are sold and used in traditional Asian 'medicine', as well as expensive 'exotic luxuries', such as tiger-bone wine.

Habitat loss

Only 7% of tigers' original range is left. Their habitats are being destroyed for logging or to make way for farms, roads or buildings.

Conflict with people

Because of habitat loss, tigers have been forced to live closer to humans. With fewer wild prey to feed on, tigers may attack cattle, or even people. This can lead to fear and revenge killings.

Saving tigers!

If this all sounds sad, don't worry – we CAN help wild tiger numbers recover! All tiger range countries, WWF and other organisations support the goal to double the number of tigers in the wild by 2022. Here are some solutions...

Tiger corridors

Because of habitat loss, many tigers are stuck in 'islands' of forest, cut off from each other, unable to mix and breed. But key tiger habitats can be connected with special protected forested **wildlife corridors**, which tigers can move along. Clever!

Communities

WWF work with local people to teach them about tigers and build support for tiger conservation projects.

Pressure on poachers

By training rangers and developing anti-poaching technology, WWF hope to crack down on the illegal tiger trade.

CUBS

Female tigers usually give birth to two to four cubs every **three years**. Babies are **blind** and **helpless** for the first week of their life. It's thought that **only half** make it to adulthood.

Long retractable **claws** are used for grasping prey and climbing trees! Large soft toe pads help tigers sneak up on prey.

A tiger's **tail** is between 72-109cm long, depending on the subspecies. Experts say the tail is used for balance *and* communication.



Turn over to meet two more species that need our help!

MOUNTAIN GORILLAS

Gorillas in peril

Discover why these gentle giants are in danger...

Destroyed homes

Much of the gorillas' habitat has been lost to make way for homes and farms. Many local people live in extreme poverty and rely on the gorilla's habitat for natural resources.

Injuries from snares

Although mountain gorillas are rarely poached, they can still get

injured and die after being caught in traps and snares which were meant for antelope or buffalo.

Human contact

Because gorillas are so similar to humans, they can easily catch illnesses from us – but they don't have the immune system to fight them off. Even a common cold could be a major threat to a gorilla group.



Babies are carried around by their mums for the first four years of their lives. They spend a lot of time playing, just like human children do!

Much thicker **fur** than other species keeps mountain gorillas nice and warm in their rainy, cold habitat.

Good news for gorillas!

It's not all doom and gloom – mountain gorillas are the only species of great ape whose numbers are *increasing*! That's in part down to intensive work by the **International Gorilla Conservation Programme**, which WWF helped set up.

This programme works to find ways in which **gorillas and humans can live in harmony** with each other. This includes working with locals to reduce their need to enter gorillas habitats. It also supports **eco-tourism** projects which help locals earn a living from gorillas and **gorilla conservation**.



Gorillas are usually gentle creatures, and try to scare off rivals *without* resorting to violence, by stamping their **feet** and beating their **chests**.

FACT BOX

Lives: Just two isolated places in Africa – the **Virunga Volcanoes** (on the borders of **Rwanda, Uganda** and the **Democratic Republic of the Congo**), and the **Bwindi Impenetrable National Park** in **Uganda**.

Habitat: Rainy, cold mountain forests with plenty of green vegetation. They can be found as high as 4,000m.

Numbers: There are only **880** *critically endangered* mountain gorillas left.

Size: Males can be 170cm in height (that's as tall as Ed Sheeran!), making them the **largest of the living apes**. Males can weigh up to 180kg (that's three times Ed's weight!).

Eats: These gentle **veggies** munch leaves, shoots and stems.



Troops of up to 30 are led by one older adult male known as a **silverback**, due to the streaks of silver in his fur. He's the boss, organising activities like eating, nesting and deciding when they'll move around their home range – which can be 40km²!

How YOU can help!

You can help save **ALL** these animals and **loads more species**, by taking part in **WEAR IT WILD** – WWF's brand-new fundraising event...

Did you know that wildlife populations around the world have declined by 52% since 1970?! This sad and shocking statistic is the inspiration behind WWF's new Wear It Wild fundraising event.

On **Friday 5 June**, WWF are asking everyone to **dress to express their wild side** – and raise money for projects that help nature thrive! Will you be **tough like a tiger**, **flashy like a flamingo** or **strut your stuff like a snow leopard**? Check out our ideas on the right...



WEAR IT WILD TAKES PLACE ON 5 JUNE!



Ask your teacher to visit www.wwf.org.uk/wild to register to take part!

SUMATRAN RHINOS

Threats to rhinos

Sumatran rhinos compete with the Javan rhino for the unenviable title of *most threatened rhino species*. This is why...

Poaching

Sumatran rhinos are still *killed for their horns* which are used in traditional

Asian medicine. In Vietnam, for example, some people believe that rhino horn cures cancer. It doesn't.

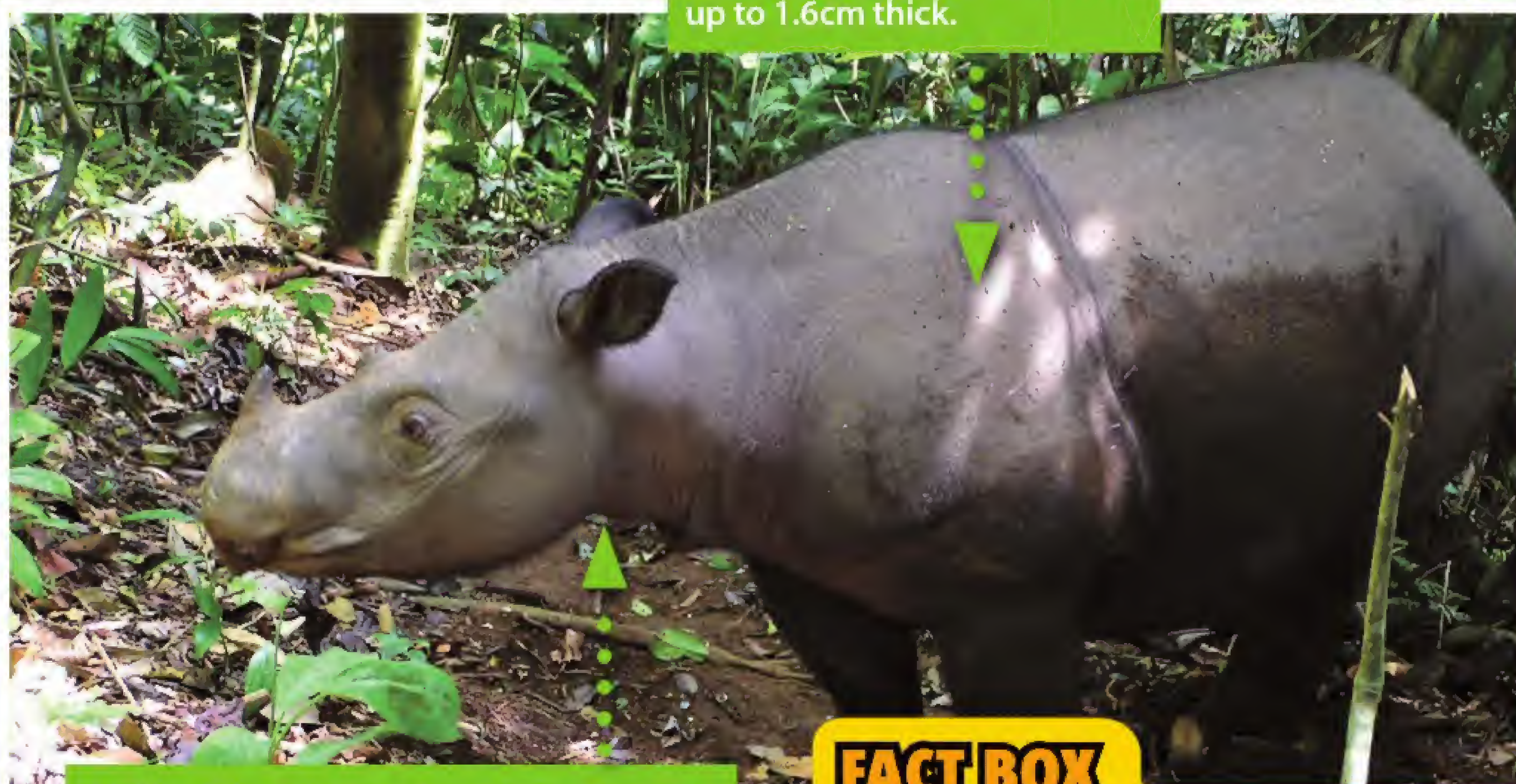
Habitat loss

The lowland forests where they live are illegally destroyed to make way for coffee and rice plantations.

Leathery reddish-brown **skin** is up to 1.6cm thick.



Sumatran rhinos are the only Asian rhino with **two horns**, but their second horn can be so short (10cm or less) it looks more like a lump!



Unlike other species, Sumatran rhinos are covered in **hair**! Newborns have a dense covering which turns reddish as they grow. By the time they're adults, the hair is sparse, bristly and dark. It's thought it helps mud stick, keeping them cool and protected from insect bites.

FACT BOX

Lives: Found in small fragmented populations in **Indonesia** and **Malaysia**, Southeast Asia, the Sumatran rhino is one of three types of **Asian rhino**.

Numbers: There are only around 100 Sumatran rhinos left in the wild, and the population is very unstable. They're

critically endangered.

Size: The **smallest of the living rhinos**, Sumatran rhinos are up to 1.5m tall and can weigh 600-950kg.

Eats: They gobble bamboo, fruits, twigs, leaves and bark in the dark – just before dawn and after sunset.

Helping rhinos!

WWF are trying to secure a positive future for this species. They're working with local governments and landowners to stop forests being destroyed, and are trying to prevent poaching with **anti-poaching patrols**. They're also working with a charity called **TRAFFIC** to monitor and prevent the illegal trade of rhino horn.

Gorillas: Getty Images UK. Main rhino pic: WWF-Indonesia. Other rhino image: Naturepl.com / Mark Carwardine / WWF.

FOUR FUNDRAISING IDEAS!

DRESS TO EXPRESS YOUR WILD SIDE!

Get everyone at school to donate money to **dress as an animal**. You'll raise loads of dosh and have a *roar*-some day!



FANCY DRESS COMPETITION!

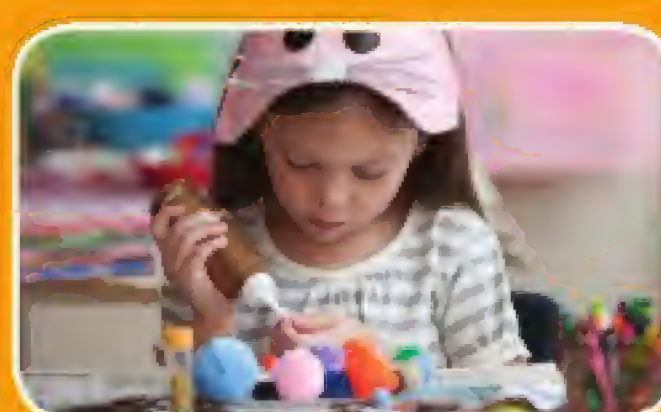
How about holding a **school contest** for the *grrr*-eatest outfit? You could ask people to give a bit of money to vote.

PUT ON A SHOW!

Organise a **wild show** that kids (or parents) have to donate money to attend. How about a concert with songs from *The Jungle Book*?!



For more amazing ideas and to order a **FREE schools fundraising pack**, visit www.wwf.org.uk/wild



HOLD A CRAFT SALE

Spend some art lessons creating items to sell at a **craft sale**! Paint stones to use as paperweights. Or make animals out of recyclable materials.



JOIN ME IN WEARING IT WILD!

CBBC's Cel Spellman is taking part, too!

WEAR IT WILD

HOW CAN YOU HELP YOUR PLANET? WEAR IT WILD! YOUR WILD SIDE



Enid Blyton

Take *The Famous Five* quiz and start your adventure now!

QUIZ

Just circle the letter to find out which character you are most like.

1. What's your favourite sport?

- A. Football
- B. Going on a bike ride
- C. Hiking
- D. Running
- E. Horse-riding

2. What's your perfect holiday?

- A. A safari
- B. Exploring a jungle
- C. A hiking holiday in the mountains
- D. A trip to the beach
- E. Disneyland

3. Pick your favourite movie

- A. Monsters, Inc
- B. Brave
- C. How to Train Your Dragon
- D. Despicable Me
- E. Frozen

4. What's your favourite snack?

- A. Ice cream
- B. Chocolate cake
- C. Crackers and cheese
- D. Ham sandwiches
- E. Scones with jam

5. If you could have ANY pet what would it be?

- A. A sloth
- B. A T. rex
- C. An eagle
- D. A panda
- E. A pony

Join
The Famous Five
on their
adventures.
Out now!

The Famous Five are Julian, Dick, Anne, their tomboy cousin George (who hates being called by her proper name Georgina!) and Timmy the dog. They love to spend their holidays hiking and biking, camping and exploring Kirrin Island with its castles, caves and secret passages.

The Famous Five



WHO ARE YOU?

MOSTLY As: You are Dick

You've got the same cheeky sense of humour but you are kind at heart and will always be there for your friends.



MOSTLY Bs: You are George

You are not afraid to go on an adventure, you are courageous and feisty!



MOSTLY Cs: You are Julian

You are the brave leader of *The Famous Five*. People ask you for advice and look up to you. You are responsible and very protective of your friends.



MOSTLY Ds: You are Timmy

You are most like Timmy, their loveable dog. You are clever, loyal and always have your friends' backs.



MOSTLY Es: You are Anne

You are artistic and sensitive, happiest when you are baking, creating and making.



Go to
the website
to find out about
a fun and exciting
day out
this summer!

www.enidblyton.co.uk/adventureday

Find out what happens to the things in your bin, and why it makes sense to recycle...

What a load of RUBBISH!

GREEN
ISSUE!



Every two hours in the UK, we produce enough trash to fill up the **Royal Albert Hall**! All this waste we make comes from our planet's natural resources – and at the rate we keep consuming, we'll *eventually* use them all up. That's why we need to **reduce, re-use and recycle!**

WHERE WASTE GOES!

Here's where your tat ends up...

LANDFILL

Most of our rubbish is buried in **landfill sites** – there are around **330** of them in the UK. Bulldozers squash down each day's trash, and then it's covered with a layer of soil to help keep **rats and birds** out. The landfill is lined with thick clay and plastic to prevent poisonous rubbish juices (called **leachate**) leaking into water supplies. But rotting rubbish gives off a gas called **methane**, which makes our planet hotter, causing climate change. Bad news.

INCINERATORS

Some kinds of waste can be burned in **incinerators**, which can generate electricity. This also transforms massive piles of rubbish into small amounts of **ash**. But even though burning rubbish can generate energy, it's not as much energy as is **saved** by **recycling** our rubbish...

RECYCLING!

Before you chuck something away – **STOP and THINK!** Around **60%** of what ends up in the rubbish dump could be recycled! And most local authorities in the UK collect your recycling for you! Some ask you to **separate** all the materials yourself, while others let you put all recyclables in one bag. These **co-mingled** collections are taken to a **Materials Recovery Facility (MRF)** for sorting. We visited one to find out how our waste is sorted...

WELCOME TO THE 'MRF'!

At the huge, hi-tech **Bywaters** Materials Recovery Facility in East London, whirring machines, massive magnets and workers are busy separating tonnes of rubbish into different materials, which are snaking around the vast warehouse on fast-moving conveyor belts.

Once sorted, these different materials – **steel cans, aluminium cans, cardboard, paper** and various types of **plastics** – are squashed into big cubes called **bales** using special machines, while glass is crushed. The materials are then **sold** to various recycling companies, both here in the UK and around the world, to turn into new products. So, not only does recycling make the best use of our **limited resources**, it's good business, too!

I CAN SEE
MY OLD
CAN OF POP
FROM HERE!

Paul from the
Nat Geo Kids
team checks
out the MRF
machines!

Head to
recyclenow.com
for more cool
facts and
animations
about
recycling!

In the UK, we
currently recycle **six
billion** plastic bottles
a year – that's the
same as each person
recycling **99** bottles.
Good work, kids!

Check with
your local
council to see
exactly what
can and **can't**
be recycled – it
depends where
you live!

Bales of different
materials ready
to go to recycling
factories

RULES OF RECYCLING!

We bet you lot already do your bit for the planet by recycling (top marks!), but if you put the wrong things in the recycling bin, the whole lot may have to go to landfill! Here are some top tips...

DOs

- Rinse or wipe **all** food off containers before recycling! Smears of food or dregs of liquid can contaminate other 'clean' items.
- Scrunch tin foil into balls to make it easier for machines to sort!
- Leave staples and envelope windows in paper – these can be removed later!

DON'Ts

- Don't rip paper into bits. It's easier to sort if whole.
- The thin plastic on top of food trays (called **cellophane**) can't be recycled. So rip it off first and put it in the rubbish bin!
- Usually, old clothes can't go in the recycling. Take them to the charity shop instead!

Turn the page to find out how factories transform our trash into new stuff...

FROM OLD TO

Want to know what becomes of our empty baked-bean tins, rinsed-out jam jars, drained juice bottles and old birthday cards? Follow this diagram to find out!

Once different materials have been **separated** at a **Materials Recovery Facility** (see previous page), at **special sorting bins** or by **you at home**, they go to various **factories**. They're then put through processes that turn them into something new! Here are some of them...

Start here!

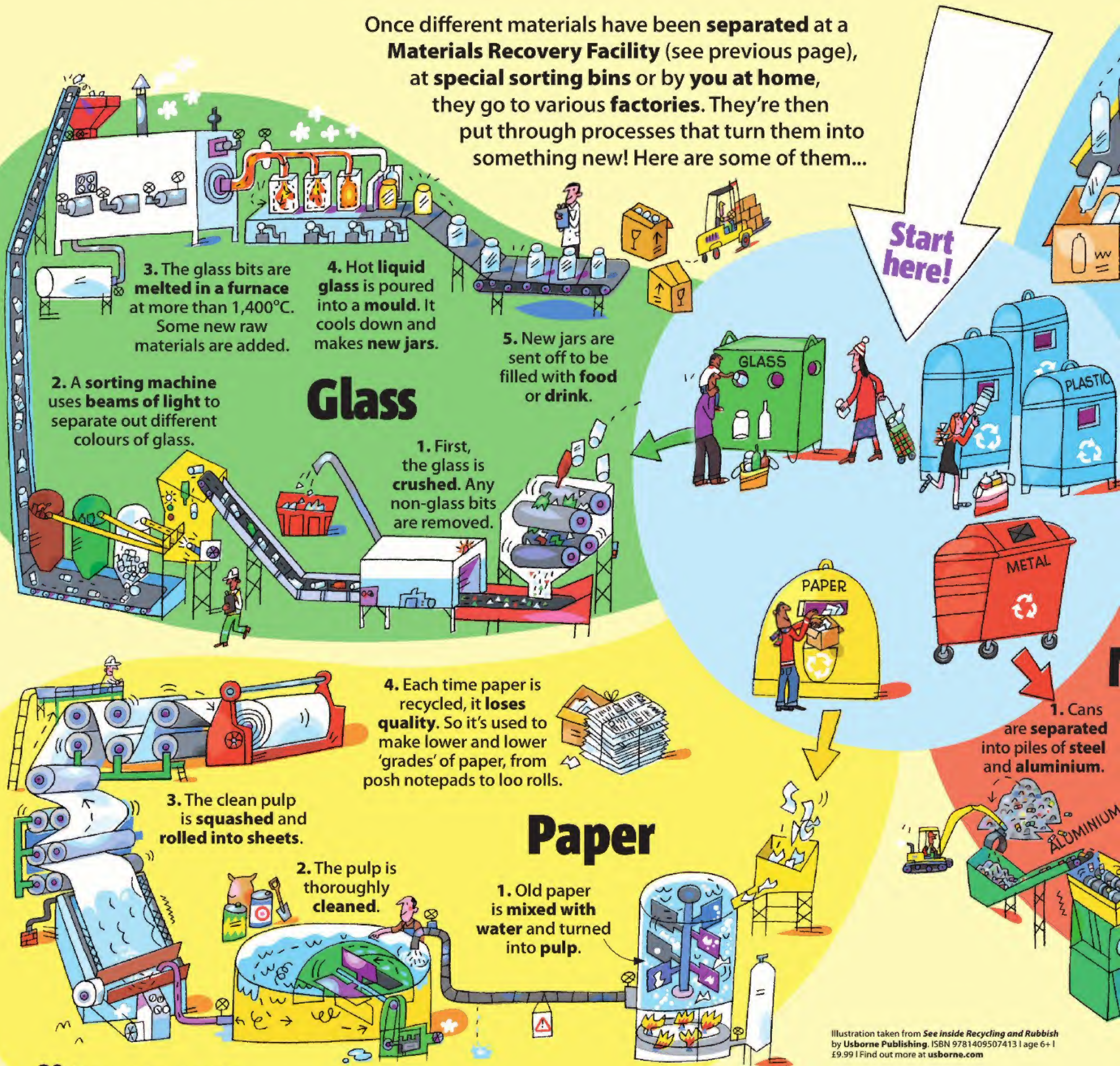
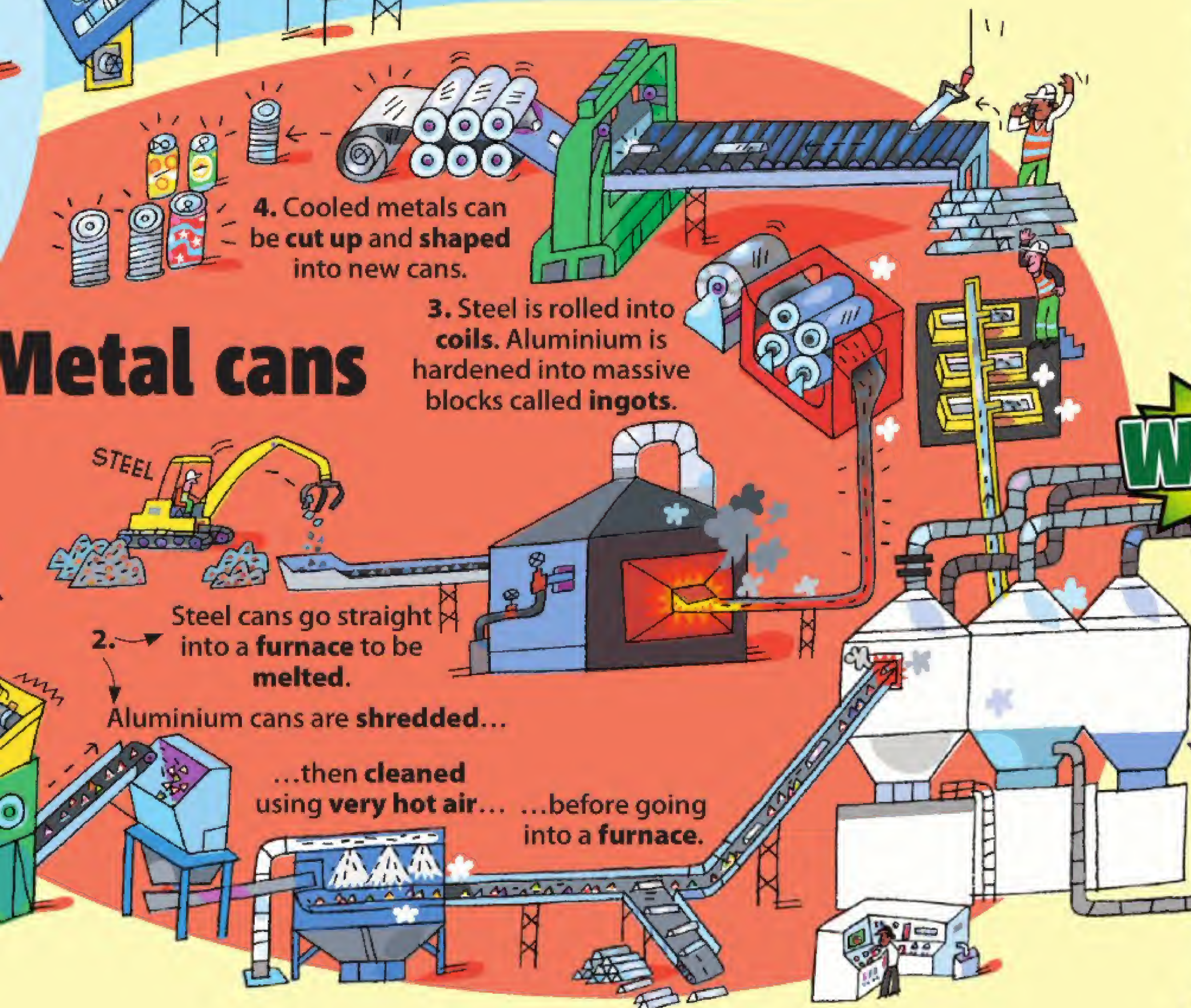
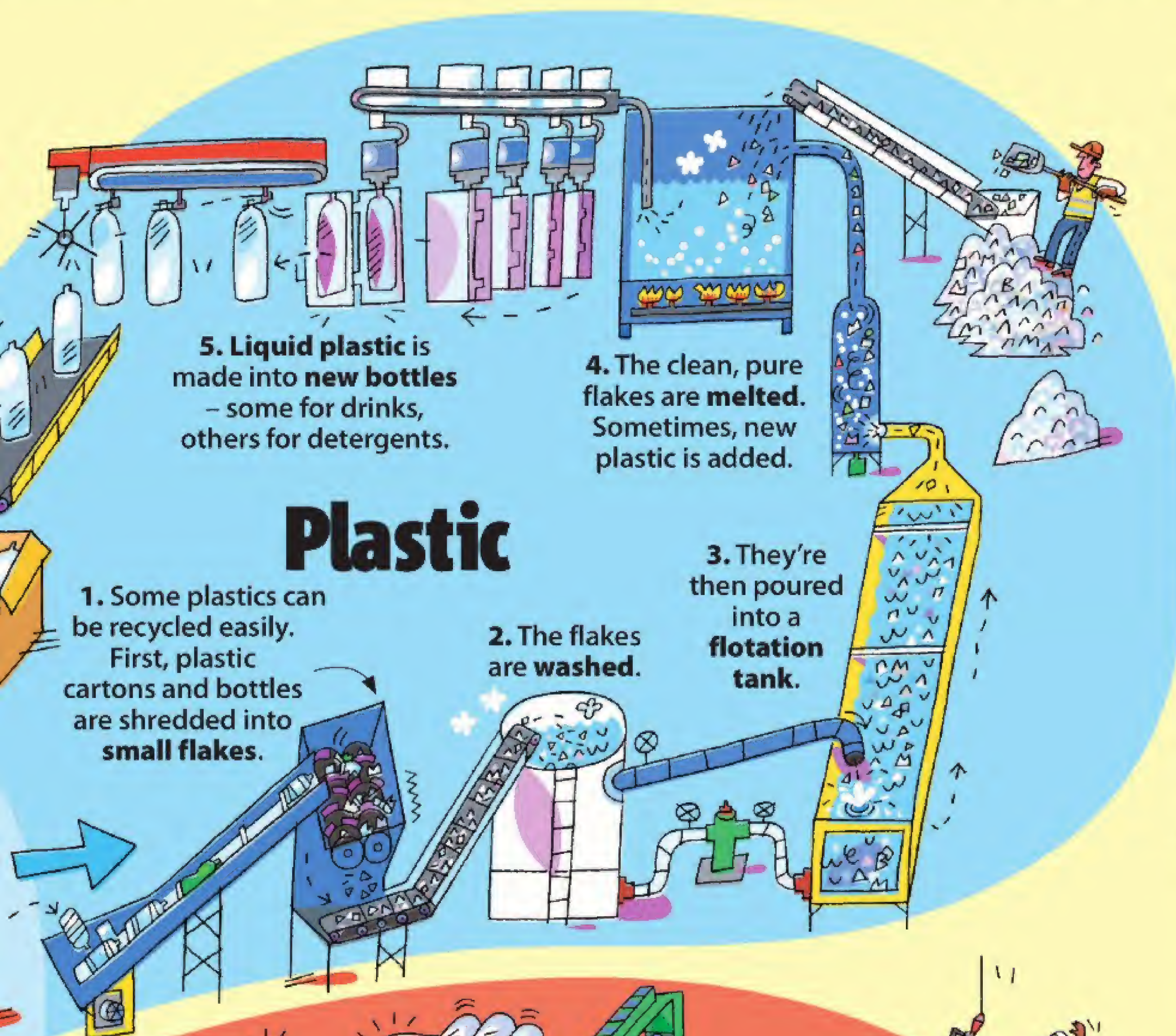


Illustration taken from *See inside Recycling and Rubbish* by Usborne Publishing. ISBN 9781409507413 | age 6+ | £9.99 | Find out more at usborne.com

SO NEW...



IT MAKES WHAT?!!



Jam jar is magicked into... INSULATION

Some recycled glass is used to make glass wool which keeps buildings nice and warm, saving even more energy!



Milk carton becomes a... SLEEPING BAG!

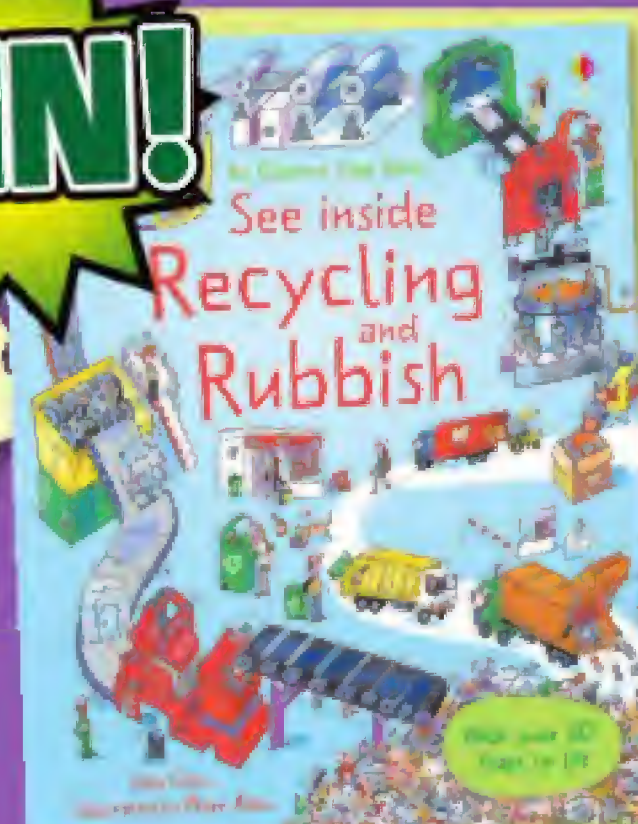
There's every chance your plastic milk carton could have been a plastic milk carton already - 30 times or even more. But they're also turned into bin bags, CD cases and, unbelievably, the filling for sleeping bags!



Can of pop transforms into a... FAMILY CAR!

Yup, incredibly, after reprocessing, your tins and cans may become cars or even ships!

WIN!



You can find out loads more cool stuff about our waste in **See inside Recycling and Rubbish** from Usborne! We've got three copies of this fascinating lift-the-flap book up for grabs -

just answer this question to be in with a chance! Turn to page 47 to enter.

Q Which of the following things CANNOT be recycled?

- a) Aluminium cans b) Glass bottles c) Cellophane

1



Some dogs have been trained to sniff out pollutants in waterways so the waste can be removed.

2

YOU CAN MAKE ECO-FRIENDLY WINDOW CLEANER BY MIXING VINEGAR WITH WATER.

3



TO CONSERVE LAND, CITIES MAY ONE DAY CONTAIN 'FARMSCRAPERS', HIGH-RISE BUILDINGS IN WHICH FARMERS GROW CROPS.

4

Turning off the tap while brushing your teeth can conserve more than 30 litres of water a day.

5

BODY HEAT from passengers passing through Stockholm Central train station in Sweden is used to heat a nearby building.

6

This APRIL marked the 45th anniversary of EARTH DAY – find out more at earthday.org

7

ENERGY IN THE TOKELAU ISLANDS IN THE PACIFIC OCEAN COMES FROM SOLAR POWER AND COCONUT OIL.



30 COOL THINGS ABOUT

8

A jet airliner powered in part by cooking oil flew from Finland to New York City.

9

AFTER RECYCLING MOST OF ITS WASTE, ONE FAMILY IN CALIFORNIA WAS ABLE TO FIT A YEAR'S WORTH OF LANDFILL RUBBISH IN A JAR.

10

Environmentalists sometimes use mushrooms to soak up oil spills and toxic waste.



13

FOR EVERY 1.6km WALKED INSTEAD OF DRIVEN, 450g OF POLLUTION IS KEPT OUT OF THE AIR.

15

In its lifetime, one reusable bag can prevent the use of 600 plastic bags.

11

The largest wind turbine in the world has blades that are each as long as an Airbus A380 aeroplane's wingspan.



12

The FIRST recorded PAPER RECYCLING happened in JAPAN in 1031.



14

A town in Vermont, USA, uses grazing sheep to reduce the need for petrol-guzzling lawnmowers.



16 Scientists are trying to work out how to turn sugar into clean fuel.



17 THE *FASTEST* ELECTRIC CAR CAN TRAVEL NEARLY 500kmph.



18 Shower water at a Chumbe Island eco-resort in Zanzibar, Africa, comes from filtered rainwater.



19 YOU CAN BUY JEANS MADE FROM PLASTIC THAT'S BEEN FOUND FLOATING IN THE SEA.



20 In 2014, VOLUNTEERS in Pennsylvania, USA, CLEANED UP more than 2,700 TONNES of LITTER over the course of three months.

21 Southampton Airport in England collects chewed gum that's then recycled into toys and tyres.



22 As much as two-thirds of rubbish produced by households in the USA can be composted – and kept out of landfills.



GOING GREEN

23 A DESIGNER MADE BIODEGRADABLE SHOES THAT SPROUT FLOWERS WHEN BURIED IN SOIL.



24 The 'Great Green Wall,' a 7,775-km-long line of trees and vegetation, is being planted along the edge of Africa's Sahara Desert to stop the desert from moving south.



27 WHEN YOU KICK ONE SPECIALLY DESIGNED FOOTBALL, IT CREATES AND STORES ENERGY WHICH CAN BE USED LATER TO POWER LIGHTS.

28 Recycled glass can be turned into processed sand, which is used in golf course bunkers.

26 LAST YEAR, AN AREA OF THE PACIFIC OCEAN THAT'S NEARLY SIX TIMES THE SIZE OF THE UK WAS MADE A PROTECTED MARINE RESERVE.



29 Scientists are trying to make an ECO-FRIENDLY FABRIC from HAGFISH SLIME.

30 RECYCLING ONE FIZZY DRINKS CAN WILL SAVE ENOUGH ENERGY TO POWER A TV FOR THREE HOURS.



25 A COMPANY IN DENMARK MAKES PLASTIC DINNER PLATES FROM RECYCLED PIG URINE.



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DISCOVER ANIMALS • PLAY WITH PET TOYS • CREATE • DECORATE • PLAY GAMES

Picture: © Getty Images UK.



 NATIONAL
GEOGRAPHIC
KIDS

**MONARCH
BUTTERFLY**




Picture: © Getty Images UK.



TIM BERNERS-LEE

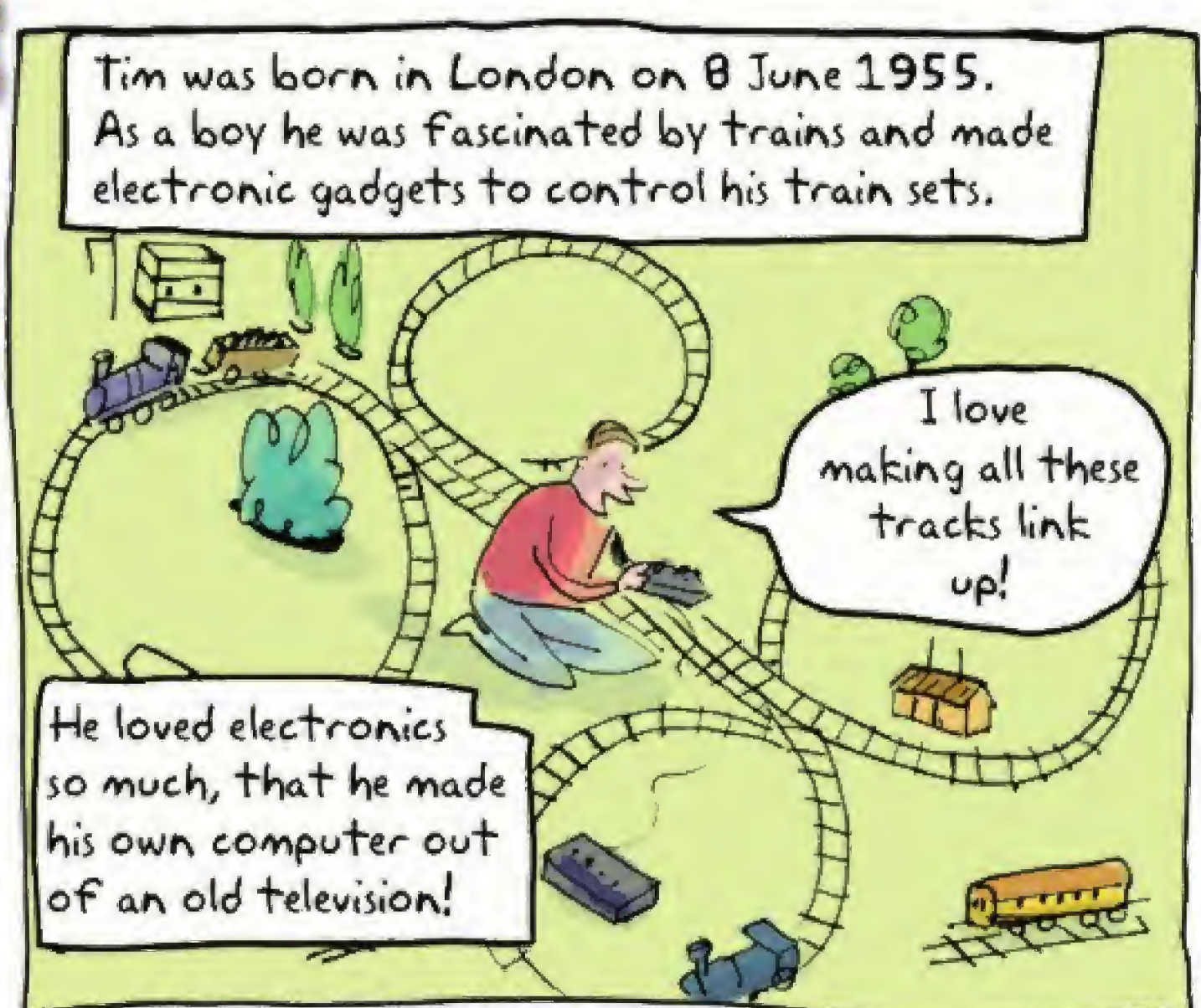
NG KiDS' time-travelling mouse, Max, meets the man who dreamed up the World Wide Web...



MAX'S BLOG!

Hello, readers! This month we're celebrating the work of Tim Berners-Lee, the genius behind the World Wide Web!

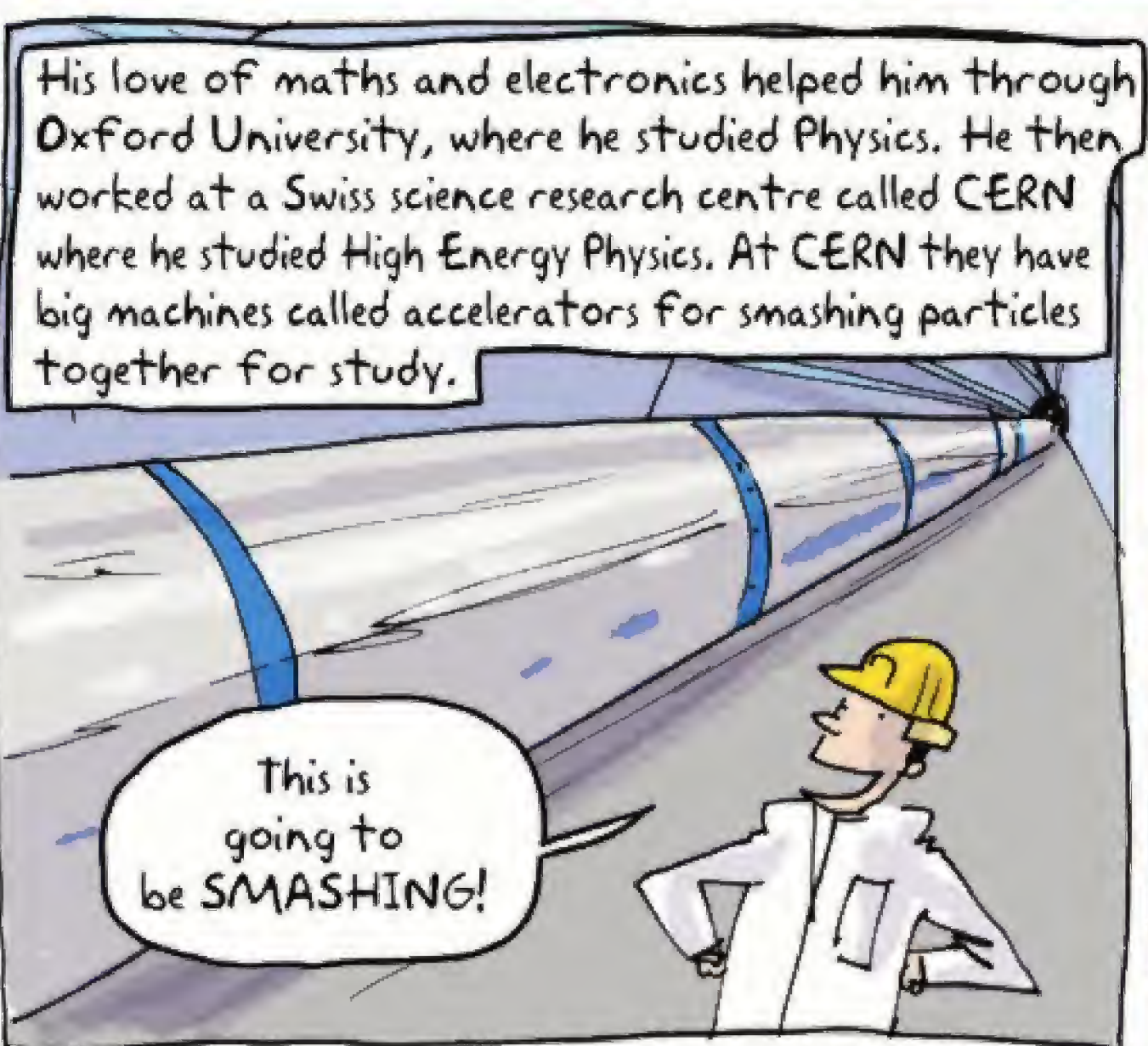
Tim was born in London on 8 June 1955. As a boy he was fascinated by trains and made electronic gadgets to control his train sets.



I love making all these tracks link up!

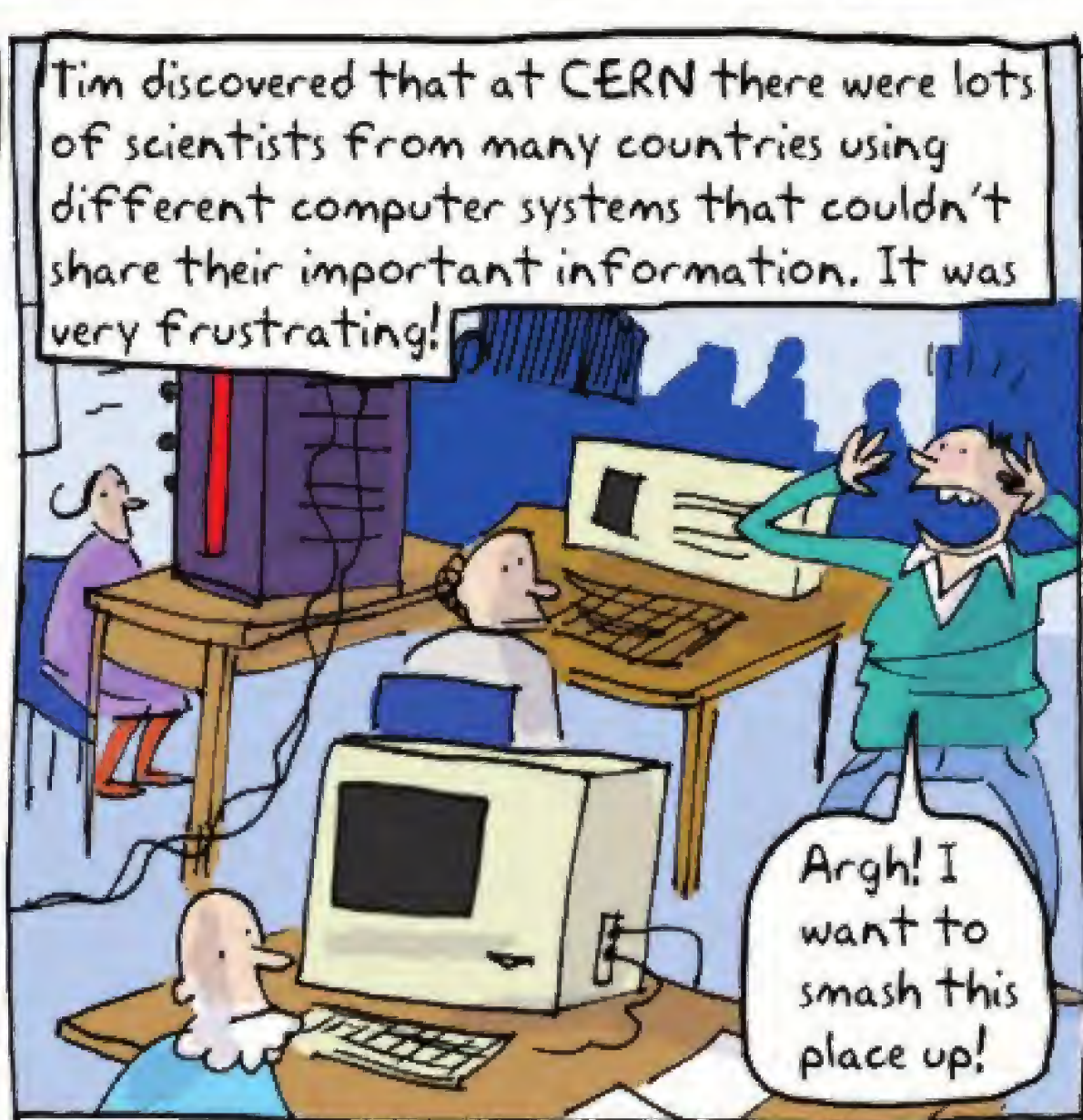
He loved electronics so much, that he made his own computer out of an old television!

His love of maths and electronics helped him through Oxford University, where he studied Physics. He then worked at a Swiss science research centre called CERN where he studied High Energy Physics. At CERN they have big machines called accelerators for smashing particles together for study.



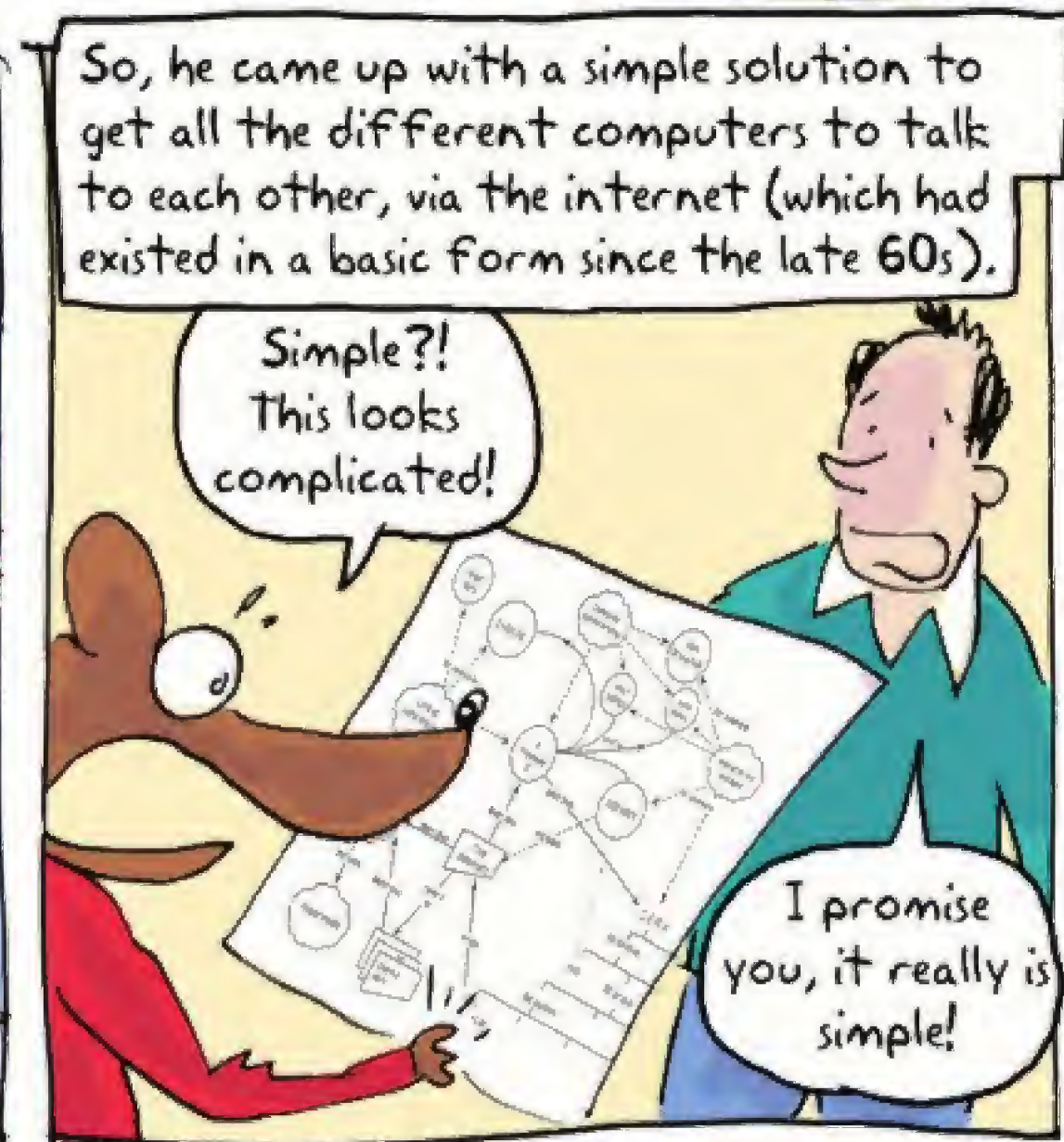
This is going to be SMASHING!

Tim discovered that at CERN there were lots of scientists from many countries using different computer systems that couldn't share their important information. It was very frustrating!



Argh! I want to smash this place up!

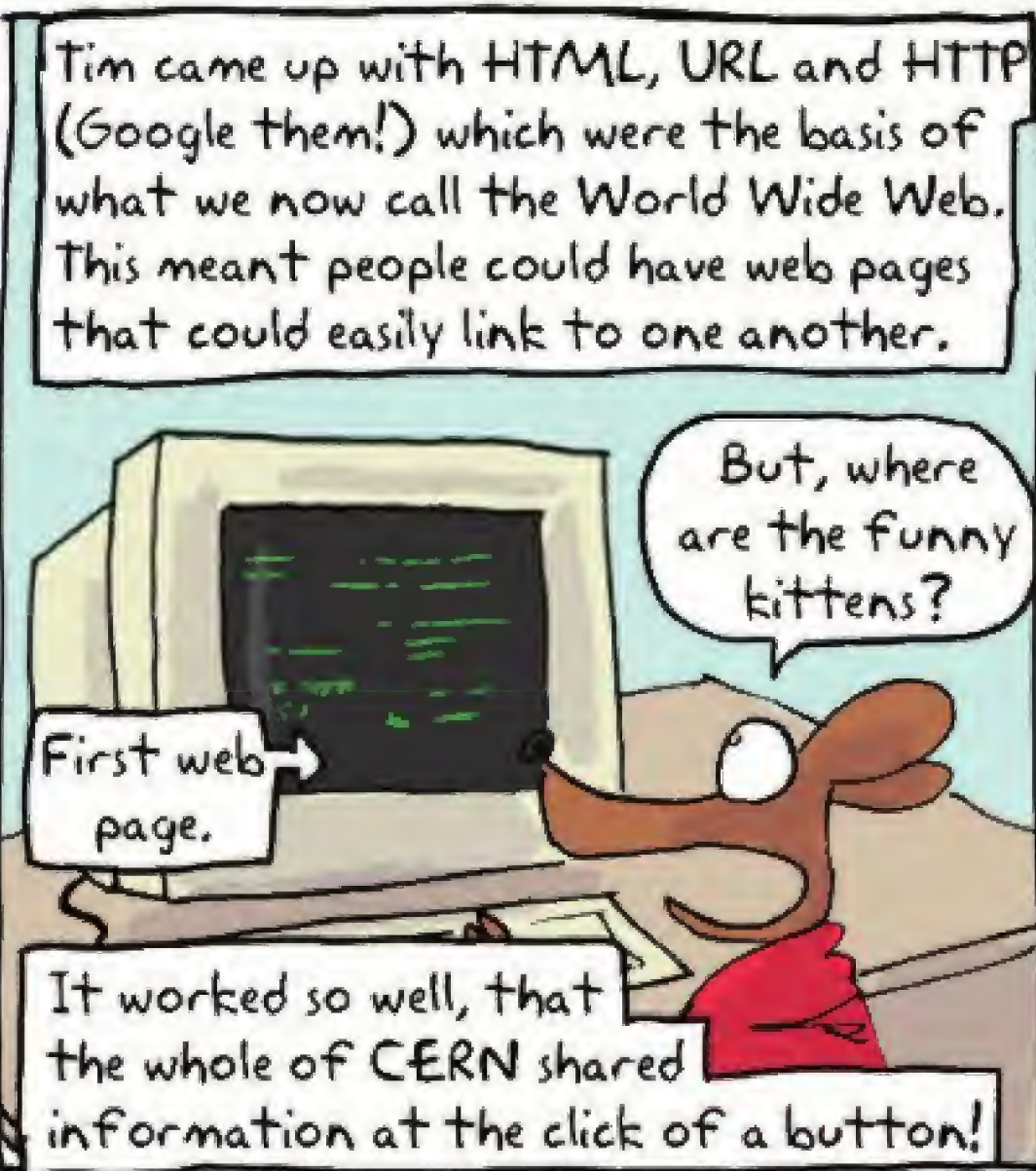
So, he came up with a simple solution to get all the different computers to talk to each other, via the internet (which had existed in a basic form since the late 60s).



Simple?! This looks complicated!

I promise you, it really is simple!

Tim came up with HTML, URL and HTTP (Google them!) which were the basis of what we now call the World Wide Web. This meant people could have web pages that could easily link to one another.

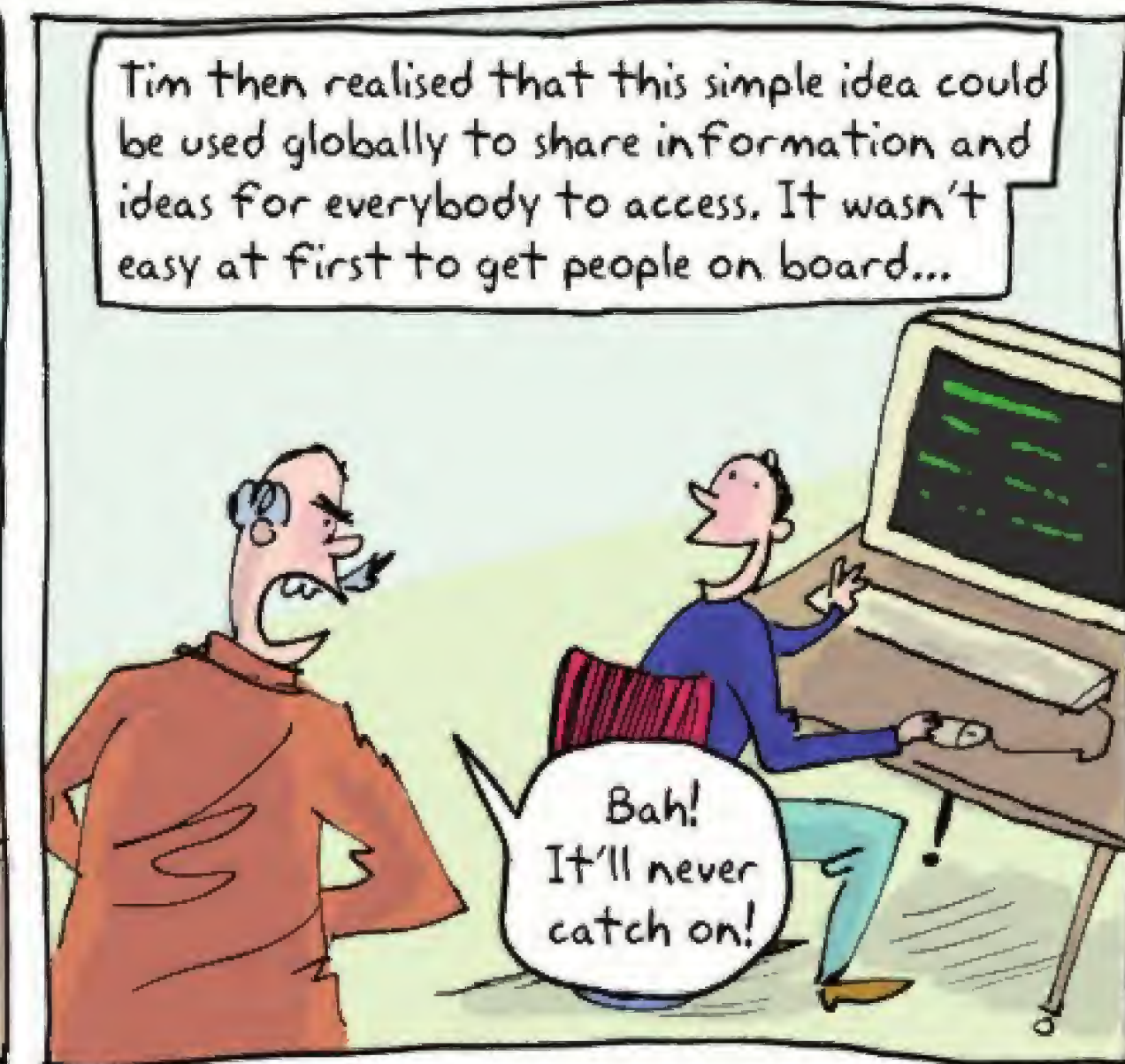


But, where are the funny kittens?

First web page.

It worked so well, that the whole of CERN shared information at the click of a button!

Tim then realised that this simple idea could be used globally to share information and ideas for everybody to access. It wasn't easy at first to get people on board...



Bah! It'll never catch on!

But, slowly but surely, it DID catch on and now millions of people around the world use the World Wide Web (www) every day, sharing information about every aspect of life!



See? Didn't I tell you it was fun to link everything up?

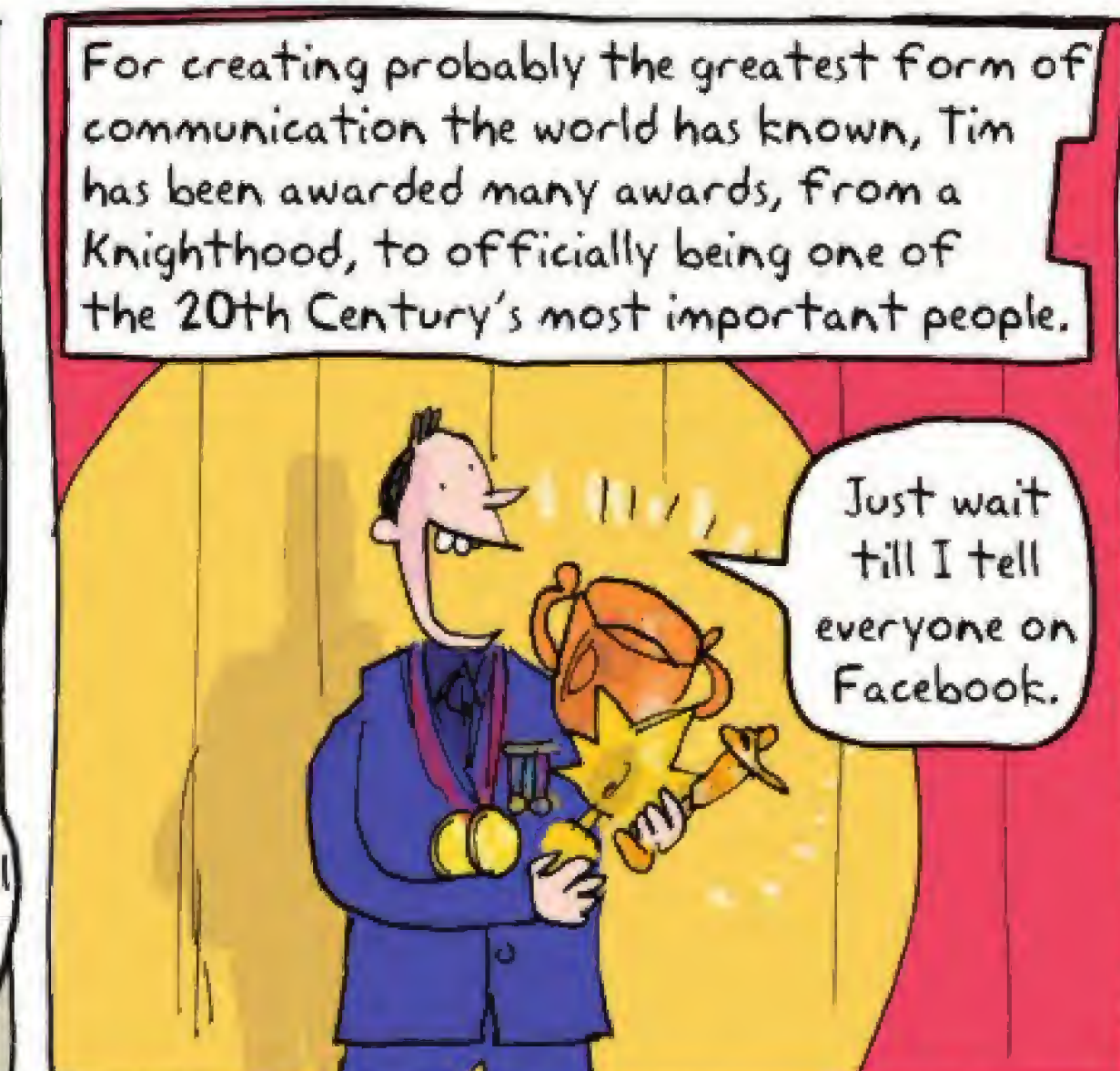
People can learn and teach, buy and sell and discuss every subject under the sun. But, not all countries are allowed this freedom of expression.



So, in 2009, Tim set up the World Wide Web Foundation to help spread freedom on the net.

Thanks Tim! Now I can watch all the cat videos in the world!

For creating probably the greatest form of communication the world has known, Tim has been awarded many awards, from a Knighthood, to officially being one of the 20th Century's most important people.



Just wait till I tell everyone on Facebook.

Tim has completely changed the world, so let's make sure everyone on the planet can benefit!



Tim! A quick selfie for my blog!

Illustration and words: Gary Northfield.

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NGK_MAY15

© The People's Dispensary for Sick Animals 04/15
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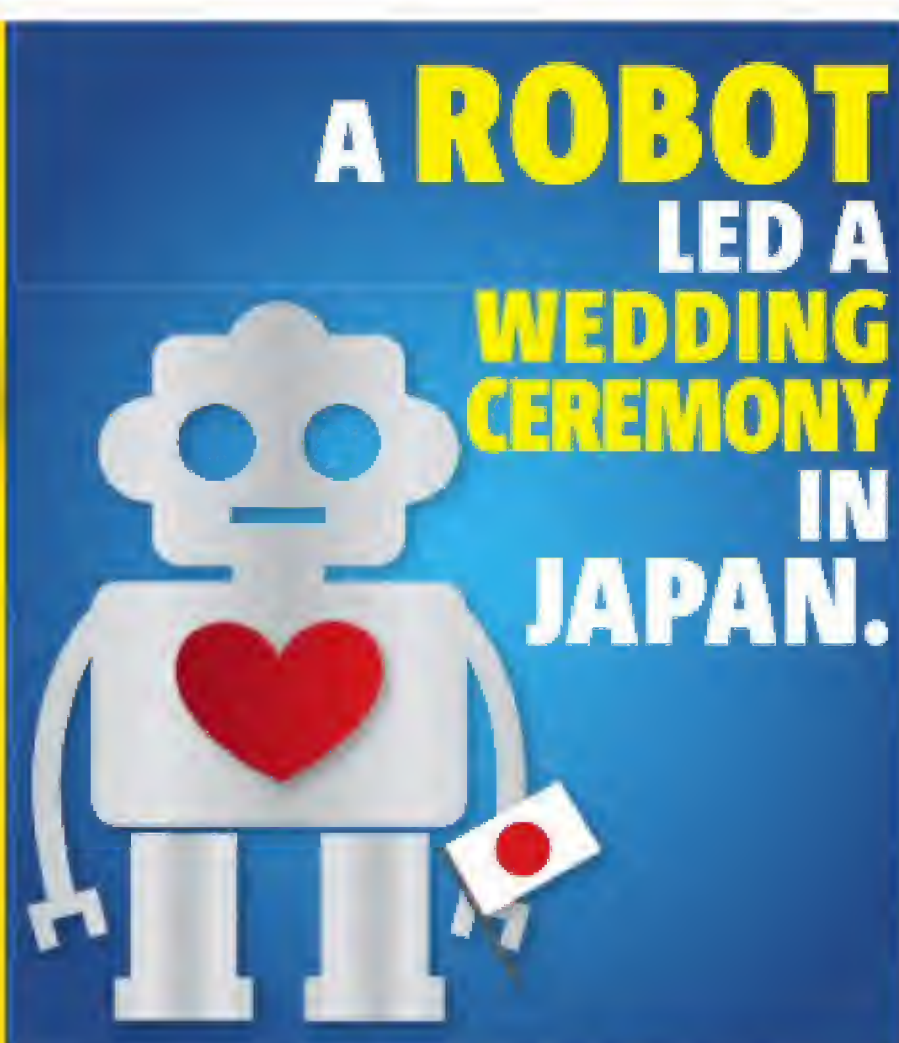
**You can also join at pdsa.org.uk/pet-protectors
or call 0800 019 9144**



Check out these outrageous facts!



Some **geckos** communicate by **barking**.



Nosewise, Sturdy and Hardy were **popular** **dog** names in medieval times.



THE SPEED OF LIGHT IS **18 MILLION TIMES FASTER** THAN THE SPEED OF RAIN.

The Patagonian mara, a South American rodent, often **bounces** up and down on **all four legs**.



A **HURRICANE** THAT FORMED OVER SATURN

HAD AN EYE THAT STRETCHED ABOUT THE SAME DISTANCE AS FROM

LONDON, ENGLAND, TO REYKJAVIK, ICELAND.

You have **taste buds** in your **throat**.



SOME FISH USE THEIR FINS TO 'WALK' ALONG THE OCEAN FLOOR.

Read more wacky facts in NATIONAL GEOGRAPHIC KIDS' **Weird But True! 6: 300 Outrageous Facts**, in bookshops now!





The Runaways

Megan Rix's incredible new book tells the tale of beautiful circus elephant, Shanti, and her mischievous calf, Tara, who are separated during the First World War...



When World War One breaks out in Europe, Cullen's Circus is forced to close. The men are sent to fight and the animals are separated from their kind keeper – and each other.

Torn apart from her mother, young elephant calf Tara is sold to a cruel

new owner and she finds herself in great danger. Only brave Harvey, a faithful old collie, has a chance to bring the traumatised mum and baby back together. Side by side, the dog and elephant escape and set out on an extraordinary journey. Can the unlikely friends find Shanti in time?

Head to ngkids.co.uk/the-runaways for your chance to win copies of the book! You can also watch a video of author Megan Rix talking to an elephant keeper!



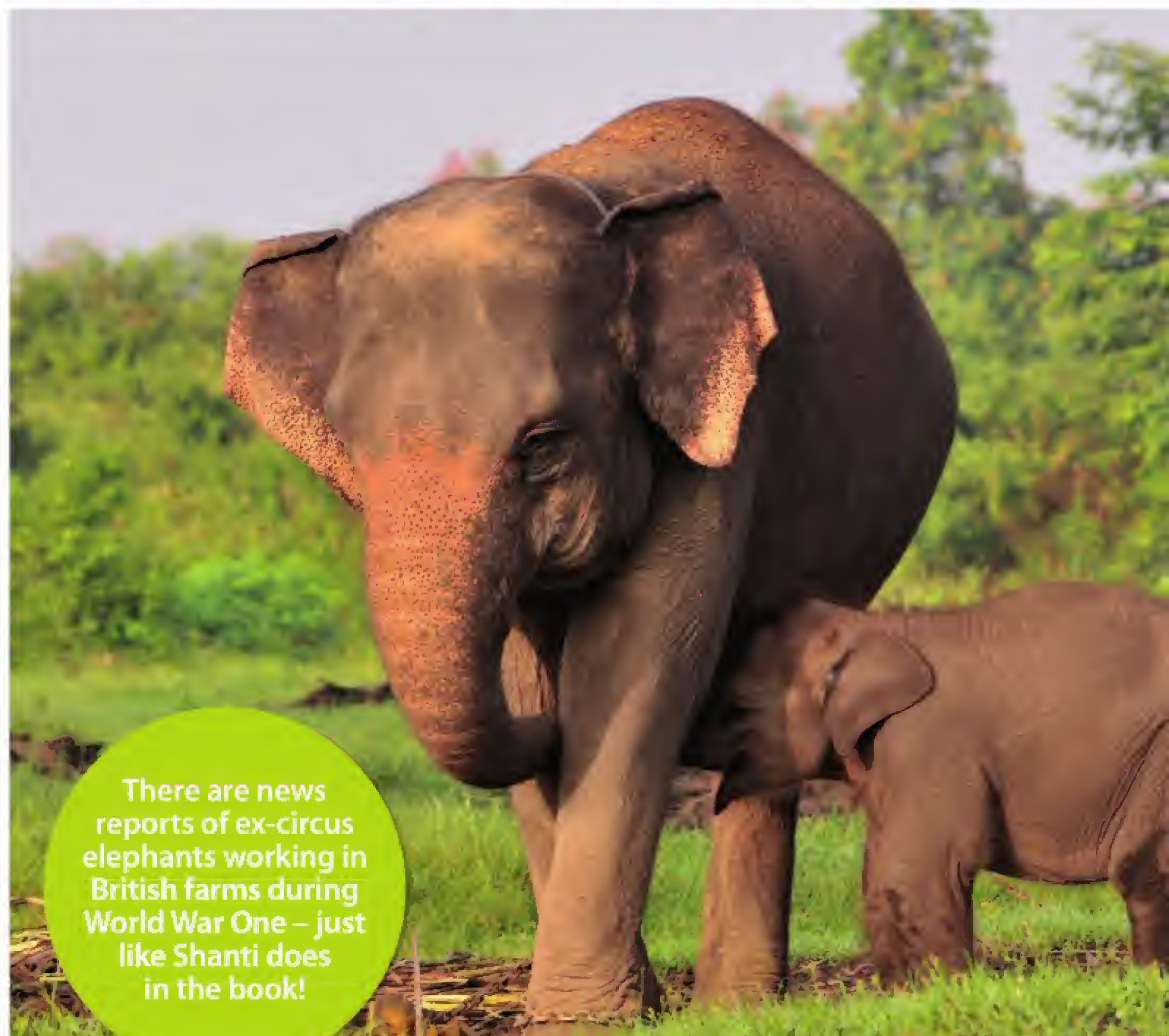
8+

On sale
7 May!

Amazing elephant facts!

Shanti and Tara are Asian elephants, from Southeast Asia. Find out more about them...

- 1** Asian elephants are smaller than their African relatives – their ears are tinier, too.
- 2** Only *male* Asian elephants have tusks (both male and female African elephants have them).
- 3** Elephants poop up to 18 times a day!
- 4** Females hang out in groups of around six or seven. Males live alone.
- 5** They can reach speeds of up to 50kmph – so don't get in their way! About 300 people a year are killed by elephants.
- 6** Baby elephants suck their trunks for comfort, just like human babies suck their thumbs!
- 7** Some elephant calls cannot be heard by human ears, but they can be picked up by other elephants many miles away!



There are news reports of ex-circus elephants working in British farms during World War One – just like Shanti does in the book!

Trunk of fun

How many words of three letters or more can you make from the word 'elephant'?

E
L
E
P
H
A
N
T

Answers
on page
48

0-5

Good effort.
But have
another look!

6-10

Nice try, Nelly!
Can you find
any more?

11-15

Wow, good
going. You're
no dumbo!

16+

You're a
walking
dictionary!

Asian Elephants
have been
domesticated for
thousands of years.
Some are still used to
carry goods and people
today, while others
plough fields.



Border collies
are used by farmers
to herd sheep and are
thought to be one of
the most intelligent
breeds of dog. They were
originally bred to work
on farms bordering
England and
Scotland.

Read *The Runaways...*

Check out this extract from
Megan Rix's thrilling new book!

It was just after dawn and the sky was streaked with pink when Tara was awoken by a bluebottle landing on her. She'd fallen asleep in a bush not far from the railway track alongside Harvey who was still sleeping. But now she was awake, her strong sense of smell picked up an interesting salty scent and with it, far off, but not too far away for an elephant to hear, was the whoosh of waves.

Harvey woke as soon as Tara stood up. He staggered to his feet and yelped at the pain from the injury he'd suffered the day before. Nevertheless he trotted after the little elephant as she headed, almost at a trot now, towards the exciting smell.

A few hundred yards brought them to the long, sandy beach of St. Bees.

Neither Tara nor Harvey had ever seen sand before, and the beach at St. Bees stretched for miles. It felt different under her feet from the grass and stone Tara had been used to. Better somehow, softer and easier to kick up. She started to run along it with Harvey, still aching, hobbling after her – the sea wind whipping around them.

But suddenly, Tara stopped, so quickly that Harvey almost ran into the back of her. The little elephant raised her trunk to the pink sky and made a mournful sound totally unlike her usual laughing squee, but very like the sounds Harvey had heard the night before. It came from deep within her – an elephant cry to her mother, but Shanti did not reply.

A moment later Tara began running to the sea. She was thirsty and here was water, lots and lots of it. Harvey chased after her, barking at her to slow down, be careful, look where she was going. None of which the baby elephant listened to...



Find out more about Megan,
her pet golden retrievers
and her other exciting books
at MeganRix.com

WHSmith

Subject to availability. Most stores.

GOOFBALLS

HOW ARMADILLO BEHAVIOUR WILL CRACK YOU UP...



If you held a contest for the **weirdest animal on the planet**, the prize would probably go to an **armadillo**. Get ready to LOL as NG KiDS shows off the silly side of these cool creatures...

These crazy-looking critters have been around for at least 65 million years!

Armadillos live mostly in Central and South America. However, the nine-banded armadillo lives in the USA.

Oi! What you lookin' at?!

I'm a mighty mash-up!

What is this thing?!

Armadillos look like a cross between a **huge woodlouse**, a **pig** and a **medieval knight** – with a bit of **giant insect** mixed in. But they're actually **mammals**, closely related to **anteaters** and **sloths**. They have long snouts and piglike ears, and their bodies are covered with **protective bony plates** that look like a knight's armour.





What was that?!

Armadillos are mainly nocturnal. They stay inside their burrows when it's hot and come out at dawn or dusk or at night to look for food.

Watch them leap!

If something startles a **nine-banded armadillo** by touching it on the back, it responds by **jumping straight up into the air**, sometimes as high as a metre. It's a reflex that probably helps them get away from predators. (Or maybe it just makes the predators laugh so much they forget to chase the armadillo.)

Lickin' good!

Armadillos use their **long, sticky tongues** to feel around in **ant nests**, slurping up lots of ants at a time. A **nine-banded armadillo** can eat thousands of ants at one meal. Ants may not be your favourite food, but don't make fun of an armadillo's snack – it might stick out that extra-long tongue at you!



Nom nom!

TONGUE



I'm having a ball!

Roll up, roll up!

Armadillos usually aren't fighters. Instead, when threatened, the **three-banded armadillo** protects itself by rolling into a ball. The result looks so much like a football that a three-banded armadillo named **Fuleco** was the mascot of last year's **World Cup** in Brazil!

There are 21 species of armadillos, but only **two** can roll into a ball – southern three-banded and Brazilian three-banded armadillos.

Beware of traffic jams!

If you frighten an armadillo, it might run away to hide in the nearest burrow. But if one is trying to get into the burrow, and another armadillo (or maybe two!) are attempting to get out, they can get a bit, er, stuck!



Beep beep! Coming up!

Brazilian three-banded armadillos live in *abandoned* burrows.

A **nine-banded armadillo** uses its **huge front claws** to **dig its burrow**. It might have several burrows but uses only one as a nest for its babies. That burrow is up to **8m long** and can have several rooms and connecting tunnels.

ROOM

TUNNEL

Win a wild Woburn visit!

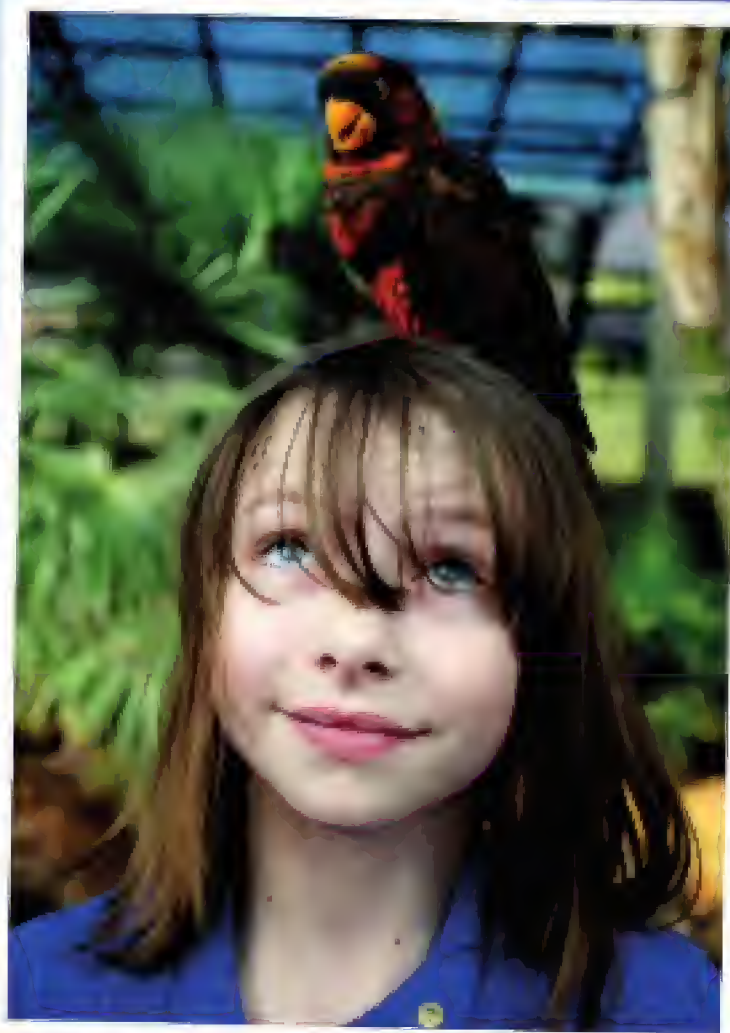
We've teamed up with the dudes over at **Woburn Safari Park** to transport one lucky reader and their family on a **wild safari adventure** with over 1,000 amazing animals, plus a hotel stay!

There are loads of new arrivals and attractions at Woburn Safari Park this year! Meet **Tarli** the elephant calf and explore the **Dissscovery Zone**, where you'll get up close to reptiles, amphibians and invertebrates. Plus, meet some of the most endangered animals on the planet!

The winner will scoop a **VIP Up Close Encounter** for four people at **Woburn Safari Park** and a one-night stay in a family room at **The Woburn Hotel**, plus up to £100 towards travel expenses. Wild!

Q What is the name of the baby elephant at Woburn Safari Park?
a) Terry b) Tarli
c) Tiffany

Ts & Cs: Please visit woburnsafari.co.uk/about/competition-terms-and-conditions/. Travel expenses up to a total of £100 are included, and receipts must be supplied to claim this after the visit is taken. Children under five may not be able to take part in all activities.



PRIZE PLAN

Enter on page 4
Just head to m
or scan this



Bag Big Hero 6 goodies!

To celebrate the release of Disney's **Big Hero 6**, out on 25 May, we're giving one star prize winner an **iPad Mini**, a **Big Hero 6** goody bag, a copy of **Big Hero 6** on DVD and a cool book – **The Art of Big Hero 6** – signed by the film's director! Two runners-up will also win goody bags.

The action-packed comedy-adventure follows robotics prodigy Hiro Hamada and his closest pals as they uncover a dangerous plot unfolding in the streets of San Fransokyo. Can Hiro and a massive robot named Baymax transform his group of friends into a band of hi-tech heroes – and save the world?

Q Which of the following is NOT a character from a Disney film?

- a) Elsa, Princess of Arendelle
- b) Buzz Lightyear
- c) Keith the Hero

● Out 25 May 2015 on Disney 3D Blu-ray, Blu-ray, DVD & Digital HD.



Flutter away on a sensational trip!

Wander among hundreds of free-flying butterflies and moths from around the world at the **Natural History Museum's** tropical butterfly house! Follow the exhibition trail charting one of nature's most incredible life cycles, as munching caterpillars transform into jewel-like chrysalises and emerge as beautiful butterflies.

To celebrate the opening of **Sensational Butterflies**, one lucky reader will win a **family ticket** to this unique exhibition, plus an overnight stay in a Park Suite at the family-friendly five-star **Royal Garden Hotel** in Kensington, London (which includes full-English breakfast and Wi-Fi), and £100 towards travel expenses. What a prize!

Q Which of the following is NOT a type of butterfly?
a) Monarch b) Dog c) Swallowtail

● **Sensational Butterflies** is on at the **Natural History Museum, London** until 13 September. Check out nhm.ac.uk/sensational-butterflies

Ts&Cs: Prize for family of four (two adults and two children 16 years or younger) to stay in a Park Suite including breakfast and Wi-Fi plus a family ticket to Sensational Butterflies, valid until 13 September 2015.

Prize cannot be exchanged for cash. Promoter reserves the right to exchange the prize for one of equal or greater value.



WIZE NET!

47 or online!
gkids.co.uk
QR code...



Honk the world's wildest bike horn!

The **Mini Hornit** is the ultimate lights-and-sound-effects accessory for your two-wheeled ride! Wrap the 'wings' around your handlebars and then get on your bike (or scooter) and go, warning everyone you're coming with **25 hilarious sound effects**. Transform your bike into a revving motorcar, roaring dinosaur or even a quacking duck. Or keep it simple and just ding a bell or sound the horn. HONK!

Weatherproof **Mini Hornits** also feature bright lights in white and funky green, and there's a remote trigger so you don't need to take your hands off the handle bars to honk the horn. Cool!

We've got 25 **Mini Hornits** up for grabs!

- Q** Which of the following should you NOT wear while riding a bike or scooter?
a) Blindfold b) Hi-visibility clothes c) Helmet
 ● Ride over to thehornit.com to find out more!



Drive off with RC Mini Cars!

Revell Control Mini Cars might be diddly enough to fit into a can, but they're still super powerful! Zoom around cups and saucers on a coffee table, or go head to head in the corridor! Wherever you race, adrenaline is guaranteed! The robust little racers have lights in the front and rear, and the remote control features two channels for thrilling duels. Charge up batteries easily with a USB cable, then get ready to drive!

Twelve winners will steer away with **four cars** each! Answer this question to be in with a chance...

- Q** Can you unscramble these letters to reveal some really vital car parts?
SETRY

● Revell Control models are available from amazon.co.uk and all good toy retailers. For details visit revell.de/en



Scoop Rapoo speakers!

Music fans will LOVE these cool, colourful, portable wireless speakers from **Rapoo**. Simply hold a tablet or smartphone near to the **Rapoo A600**, and Bluetooth technology will automatically connect the speaker, so your digital tunes blast out with a clear, powerful sound. The rechargeable battery gives you ten hours of continuous play, while cutting-edge technology creates a rich powerful bass. CHOON! Oh, and you can also make phone calls through the speakers!

Seven winners will receive one of these award-winning gizmos.

- Q** Which of the following is NOT a famous pop band?
a) One Direction b) Little Mix c) Paul's Pop Princesses
 ● Check out rapoo.com

Enter ALL comps
on page 47!

49
CHANCES
TO WIN!

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£32.99 for 12 issues.

GIFT 1



Appletters!

Are you a young wordsmith? Well, it's time to put your skills to the test with Appletters!

In this fruit-tastic game, players must work together to build a word worm by adding words to the head and tail. The first player to use up all their lettered tiles wins! But you'll need to stay focussed, gang, because unexpected twists and turns can happen at any moment!

Who'll claim victory with this brilliant brain-boggler and who'll be the rotten apple?!

Available from all good retailers. For more great games, head to bananagrams.com

**Worth
£15.99**

GIFT 2

**Worth
£4.99**



* The first 50 people to subscribe to the magazine and iPad edition will receive the above free gifts, subject to availability. Thereafter, all new subscribers to the magazine and iPad edition will receive three free, random stock gifts. Maximum of three gifts per subscriber. Offer ends 12 July 2015. Please note, the monthly gifts given away with subscription copies may vary from the gifts available with magazines sold at retail outlets. For full Ts&Cs please visit natgeokid.subscribeonline.co.uk/terms-conditions

DAY!

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Visit our website ngkids.co.uk/subscriptions and enter the code **NGKBD3**, or call 0844 322 1213

Shark Torch and Projector!

Get ready to turn your bedroom into a deep-sea adventure, gang! This **Shark Torch and Projector** from Brainstorm projects 24 colour images of our ocean's most fascinating sharks, each measuring up to one metre wide. The torch comes with three discs featuring pictures of 15 different types of shark – including the **tiger shark**, **hammerhead** and **great white**! Simply turn off the lights, shine this great gadget on your bedroom walls or ceiling, and watch the brilliant beasts come to life before your eyes. Wow!

Available at amazon.co.uk

GIFT 3

Worth
£7.14



Science Magnifier and Tweezers!

Are you a budding young scientist? Love exploring the natural world? Well, we have the perfect tools to help with your research! These easy-grip **Jumbo Tweezers** let you carefully pick up and move small insects, plants and other specimens you want to investigate. Use this mega **Magnifier** to take a close-up look! With 4.5x magnification and a built-in stand for hands-free observation, you'll be able to easily examine your fascinating finds. What will you discover?

Available from learningresources.co.uk
*Colours may vary from images shown

Junior Reporters' CLUB

IT'S
YOUR
PAGE!



Do you want to see yourself in the magazine? Have you been on an adventure? Is there a cause that you think is worth shouting about? Then get in touch! The **Junior Reporters' Club** is YOUR page and we want to hear from YOU! Send your messages, reports, photos and pictures to kids@ngkids.co.uk

David looks great in his penguin outfit!



RECORD BREAKER!

On Mother's Day, I went to **Chessington World of Adventures** with my mum, dad and brother in an attempt to break the **Guinness World Record** for getting the most amount of people dressed up as penguins! Over 500 people in penguin ponchos took part and we all had great fun doing the famous **Penguins of Madagascar** dance, the **Penguin Shake**. We had a fantastic time even though the British weather was its usual self... wet! I really enjoyed dancing the Penguin Shake and seeing the film. My favourite character from the movie was Skipper – he has swagger!

David Figueira Bourton, 14

● That's a lot of penguins, David! Hope you didn't get in a flap!

Write to us!

Every reader featured on these pages will nab an awesome **PomPom Monster** set from **Revell MyArts**! You can make three woolly, eye-wobbling friends!

✉ **Post us a letter!** NG KIDS,
Unit 1.04 Clerkenwell Workshops,
31 Clerkenwell Close, London EC1R 0AT

@ **Send us an email!**
kids@ngkids.co.uk

We're sorry, but we won't be able to return your art or photos.

Try to make your pictures as bright and colourful as you can!



MyArts PomPom Monster sets are available from all good toy retailers. Check out revell.de/en for more info!

MONSTER OF A DAY!

My friends and I had a great day out in London on the spook-tacular **Monster High** tour. If you're a fan of **Monster High** this is the perfect thing for you. My favourite bit was seeing the new film, **Monster High: Haunted**, in Hamleys toy shop. I think the perfect age for this film is 5-11 years, but it's fun for all! The tour through Hamleys and the bus ride around London's haunted sites were great. The monsters made us feel like we really were in the **Monster High** school – you can't beat meeting Draculaura and Frankie Stein in person! Thanks Nat Geo Kids!

Rosie Hegarty Morrish, 11

● Looks like you all had a brilliant day out, Rosie!



All aboard the haunted bus!



Rosie (second left) and her pals had a freaky day in London!

Quick question

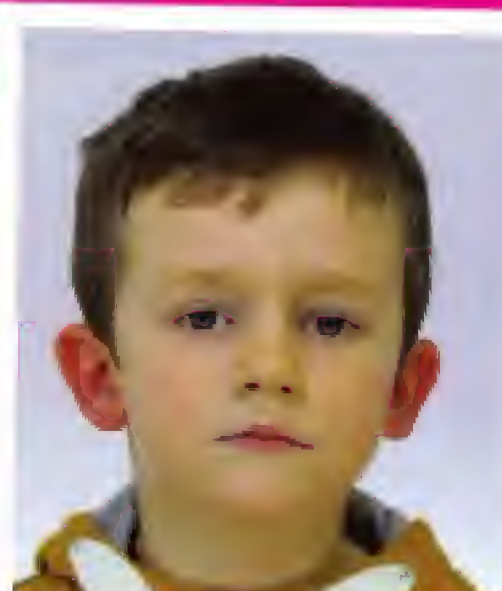
This month, we ask NG KIDS readers...

What's your favourite thing about the school Summer Term?



Rubi, 12

I love it because it's hot and you can play outside!



Jack, 6

My favourite thing is learning – because I love it!



Ellie, 7

I like playing in the school field, doing roly polys!



Thomas, 9

The big holiday at the end of term – so no more school!



Elise, 10

I like school all year round! I love learning new things.

TIME TRAVELLERS!

Our family really enjoyed visiting **Warwick Castle's** brand new attraction, the **Time Tower**.

We learned all about the castle's history of bloodshed, death, treachery and destruction in the stunning exhibition – it really took us back through time! The talking portraits were amazing – they reminded us of *Harry Potter*! Then, we took part in a tour where we found out about the royals, nobles and servants that lived in the castle, before we explored the spine-chilling dungeons. We were terrified!

After climbing the 530 steps of the battlements, we watched the noble birds of prey. We finished off the day watching the firing of the trebuchet [a giant catapult], the largest working siege machine in the world!

We had an excellent time at Warwick Castle and would recommend anyone to visit – it's amazing!

Andrea and David Sendula, 13 & 11

● Great report, thanks guys. Glad you had fun!



Yikes! David and Andrea were put in the stocks by their younger brother, Dorian!

The family explored hundreds of years of castle history!



Hattie's mum went wild with her cake!



Noodles (and Hattie!) won the walking race!

LLAMA QUEEN!

For my 8th birthday, I had my party at **Nidderdale Llamas** (a llama farm near Harrogate, North Yorkshire, where I live) and it was fantastic!

There were llamas, alpacas, Shetland ponies, rabbits, guinea pigs, a chinchilla and even a ferret. We learned about the differences between llamas and alpacas, groomed the animals and trekked with the llamas.

We then had a walking race with the llamas, which Noodles (the one I'm pictured with) won. My mummy even made me a llama cake which was amazing. My friends and I had a totally llama-tastic day!

Hattie Miles, 8

● What a llama-zing birthday, Hattie. Love the cake!

YOUR SHOUT!

Have your say here...

Have you got something to shout about? Then let us know!

“ Hi NG KIDS! My heart was stolen as I read *Adventures with Wolves* in the April issue of Nat Geo Kids – it was breathtaking! Wolves are my favourite animal and I totally agree with the wolf expert that they aren't as dangerous as they seem, – only when they're threatened, hungry, or just plain scared.

I am writing my own story called *Wolf Pack*, in which wolves are kind and caring.

Rebecca Shaw, 11

● Hooray for wolves, Rebecca! Good luck with the story.



Rebecca loves wolves!

ADVERTISING PROMOTION

GO BANANAS

BANANAGRAMS is the award-winning word game that will drive you... bananas!

Players race against each other to build crossword-style grids and use up all their letter tiles. But there's no turn-taking here – it's a madcap race to the finish!

Perfect for all little monkeys – from age seven to 107!



WIN!

Each month, we're giving you the chance to win an **AWESOME BANANAGRAMS** game of your own! This issue, just solve the puzzle below, then turn to page 47 to enter. Good luck!



SAVE OUR SPECIES!

The names of these nine threatened animals fit perfectly into this grid. But can you work out which one fits into the *highlighted* tiles?

Amur leopard
Bengal tiger
Black rhino
Blue whale
Gorilla
Lemur
Orangutan
Polar bear
Saola



RRP £14.99.

Available at all good toy stores, including

John Lewis, WH Smith, Toys R Us and Waterstones.

Also available online at winningmoves.co.uk



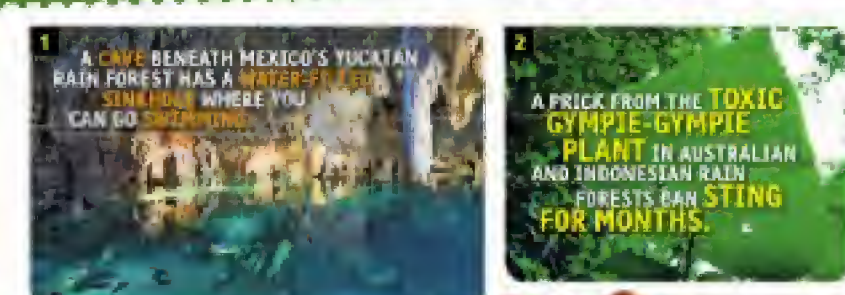
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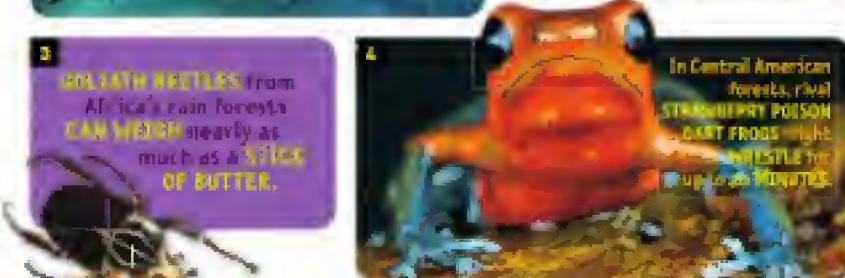
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OUR FRAGILE EARTH

GOING GREEN



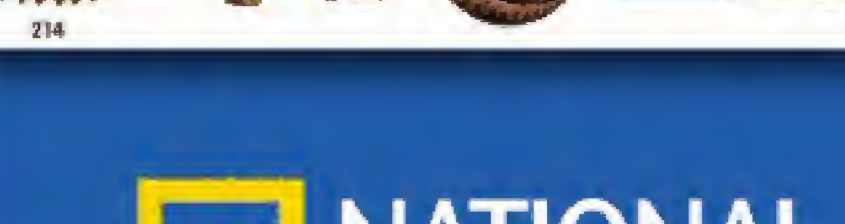
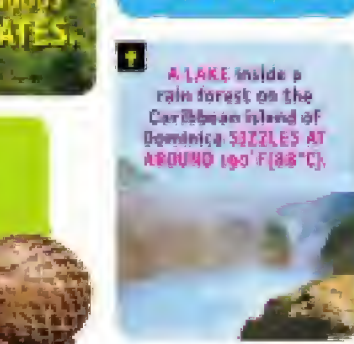
2 A PRICK FROM THE TOXIC GYMPIE-GYMPIE PLANT IN AUSTRALIAN AND INDOONESIAN RAIN FORESTS CAN STING FOR MONTHS.



16 FACTS ABOUT THE



6 IT CAN TAKE TEN MINUTES FOR A FALLING LOGGING TO TRAVEL FROM A RAIN FOREST'S THICK CANOPY TO ITS FLOOR.



RAIN FOREST



214

215

Incredible,
informative,
and tons of FUN!The NEW
INFOPEDIA
2016 is here!

Celebrate the world and all that's in it with the most popular kids' yearbook on the planet! This annual bestseller from the creators of *National Geographic Kids* magazine is packed full of photos, facts and fun about everything curious kids care about today. Inside, you'll find amazing animals, awesome adventure, super science, wonders of nature, PLUS games, puzzles, cool stuff that's happening in the year ahead and so much more!

40% updated from previous edition.

ART AND ARCHITECTURE

CULTURE CONNECTION

World's Wackiest
HOUSES

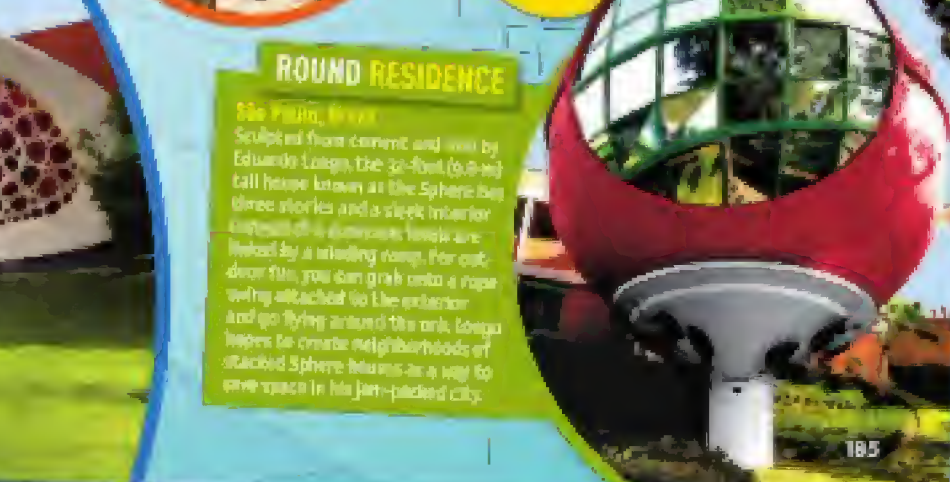
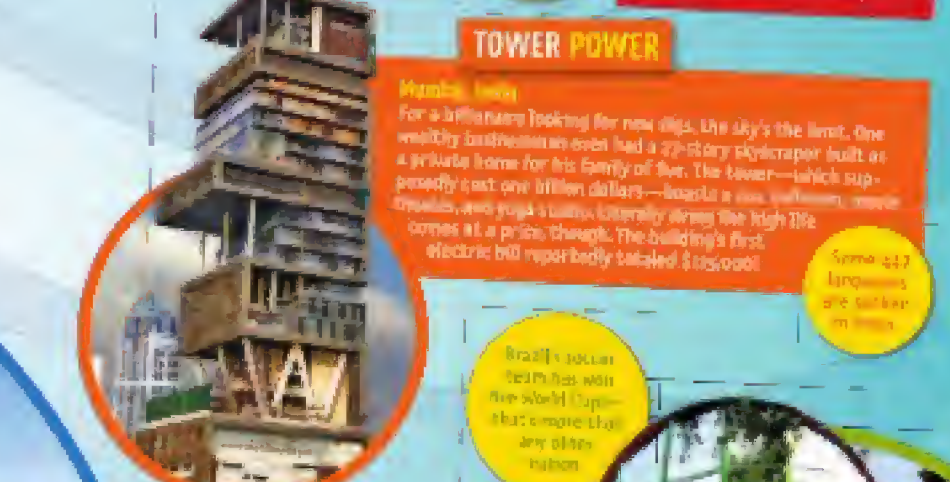
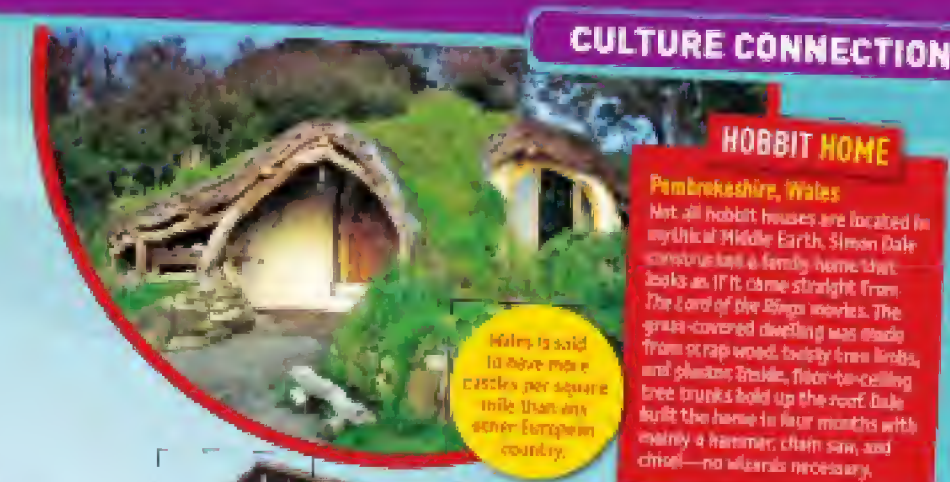
Check out these not-so-humble abodes from around the globe.

If your house is a place to kick back and get cozy. But what if it also had 27 floors, a replica of King Tut's burial chamber, or an indoor garden? We've got you covered in some of the coolest dwellings from around the world.

SEA CREATURE SHACK

Neuquén, Mexico
Here's what it'd be like to dwell in a shell. Architect Javier Senosua designed this home to look like a real nautilus. The house has curved rooms and top-of-the-line furniture. There's even an indoor garden. The center of the house holds a circular TV room lined with soft cushions. If you lived here, you'd never want to step out of your shell.

Nearly 30,000 registered environmental sites are spread across Mexico.

NATIONAL
GEOGRAPHIC
KIDSAvailable to pre-order from Waterstones.com and in stores from 12 May.More fun at www.ngkids.co.uk

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Fun stuff!

Puzzles, laughs and lots to do!



ATTENTION ON SET!

More than eight objects at the rehearsal for *Giant Squid Versus Aliens* have the word 'ten' in their names – for example, the squid's tentacles. Can you spot the other seven – or more? Answers on page 48.

Illustration: James Yamaski

HA HA
JOKES!
HEE HEE

Q Why couldn't the leopard hide? A Because it was always spotted! Q What's a rhino's favourite sport? A Squash!

What in the WORLD?

BUGGING OUT!

These photos show close-up views of creepy-crawlies. Unscramble the letters to identify what's in each picture. Bonus: Use the highlighted letters to help answer the question below. **ANSWERS ON PAGE 48.**



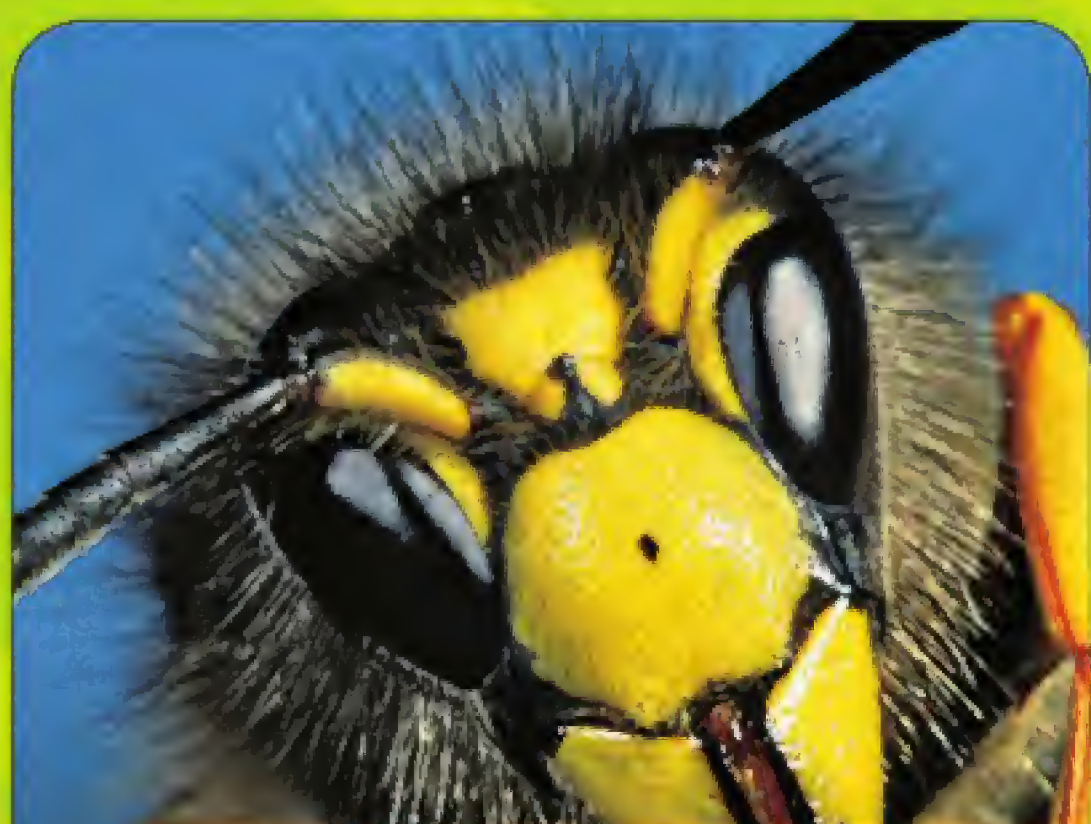
IRDPES



TAN



OTMH



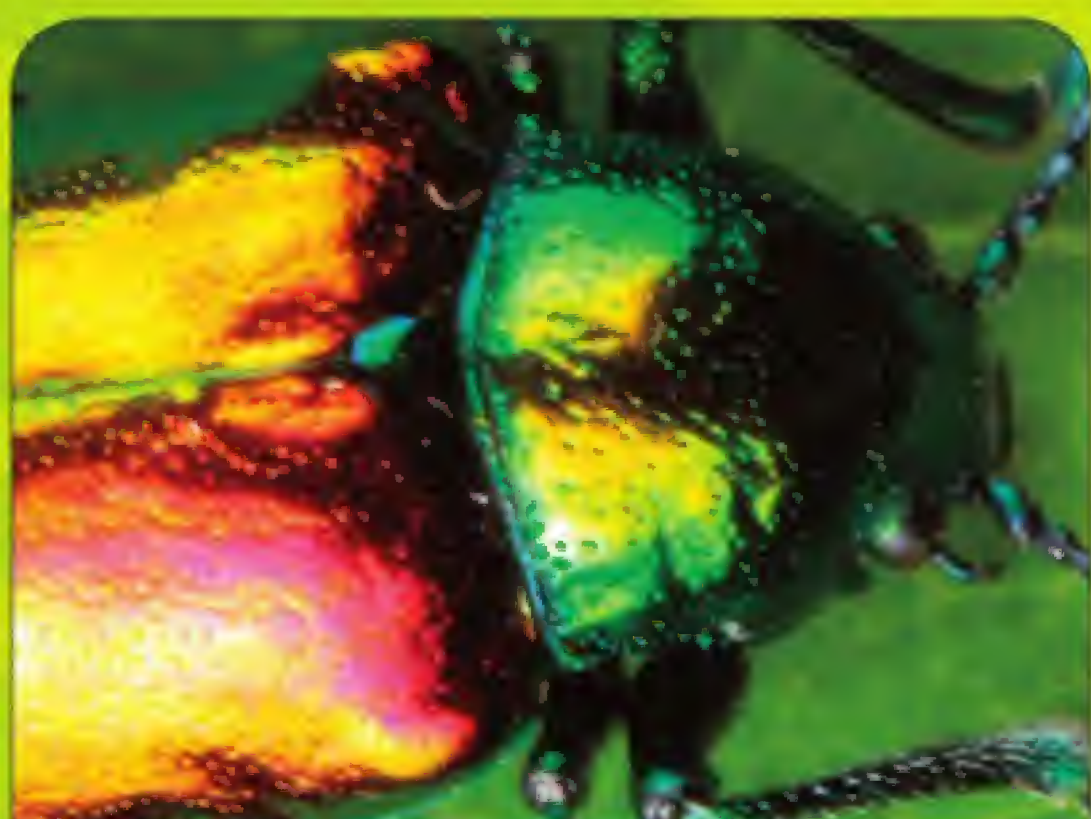
SPAW



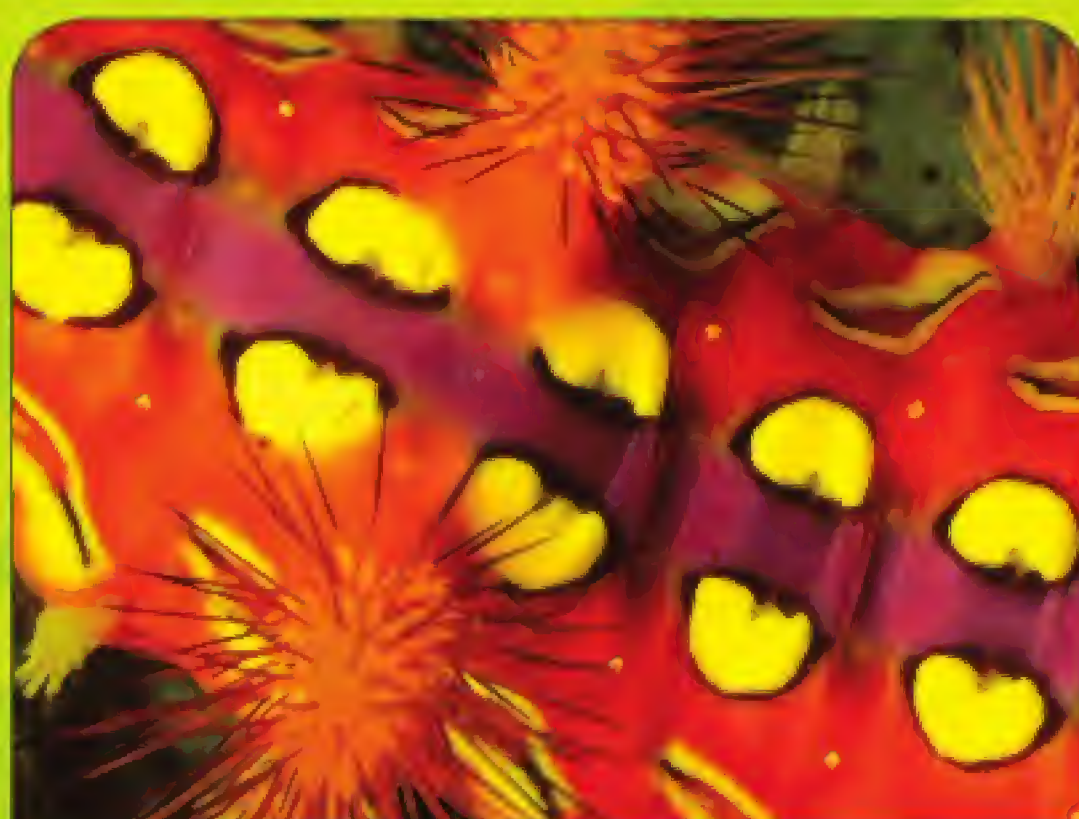
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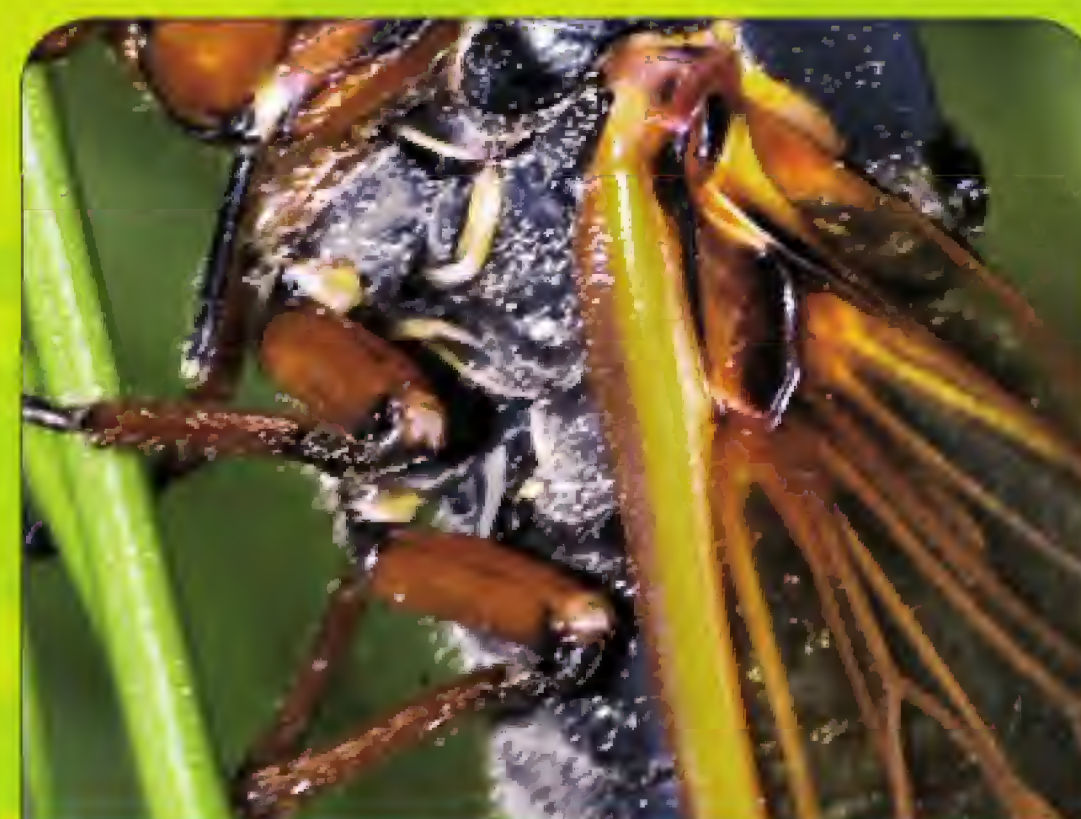
RHRASGOPSEP



ETELEB



RACERAILPLT



ADCCAI

QUESTION: Where's the best place to buy bugs?

ANSWER: A _ _ _ _ _ R K

Q What do you give to a sick bird? A Tweetment! Q What steps do you take if a tiger is running towards you? A Big ones!

Top row (left to right): © Ingo Arndt / Nature Picture Library; I love Nature / Getty Images; Millard H. Sharp / Photo Researchers, Inc.
Middle row (left to right): © Robert Pickett / Corbis; © Tim Fitzharris / Minden Pictures; George Grall / National Geographic Creative.
Bottom row (left to right): George Grall / National Geographic Creative; © Mark Moffett / Minden Pictures; © Vladimir Ivanov / Dreamstime.

Funny FILL-IN

WILD RIDE!

Ask a friend to give you words to fill in the blanks in this story without showing it to them. Then read it out loud for a laugh.



My friends and I were waiting to ride the _____ at the amusement park. But when we got to the front of the line, a park employee asked us if we would like to test a(n) _____ new ride instead. As we climbed into a(n) _____-shaped car, another park employee said, "Welcome to the _____, the world's _____ rollercoaster!" Our car suddenly _____. Then the car shot up _____ metres – we were so high, I thought I could touch the _____. The people below looked like _____. Next we did a barrel roll over the _____ teacups and flew over the _____ waterslide. Finally our car _____ backwards as fast as a(n) _____ before coming to a stop where we started. What a hair-_____ experience! My _____ felt a little _____, but I still went on the ride again – twice!



Q Where do gorillas hear gossip? A On the ape vine! Q What do you call an elephant that never washes? A A smelly-phunt!

Fun stuff!

Make it

MEGA POMPOMS

Cheer on your favourite Eurovision Song Contest stars with these MASSIVE pompoms!

What you'll need

- 5-12 large sheets of tissue paper (The more layers you use, the bigger your pompoms will be – but they will be a bit trickier to cut)
- Scissors
- Sellotape

Start here!

1

First, place the sheets of tissue paper on top of each other neatly. Fold them in half lengthways.

2

Now, fold them in half again widthways.

3

Take the longer *folded* edge and fold it up about 5-6cm. Press firmly to make a crease in the paper, then unfold it.

4

Carefully cut 2cm-wide strips in the paper up to the crease you just made. When you get to the *side* fold, snip that too.

5

Tightly roll up the folded, uncut edge so it forms a handle. Secure it by winding Sellotape all around. Finally, 'fluff' up your pompoms so the paper strands separate. Ta da!

RECYCLE!
Instead of tissue paper, use recycled newspapers, wrapping paper or magazines!

COMPETITION ENTRY COUPON

Just tick the orange box by any competitions you want to enter!

DID YOU KNOW...?

Australia is performing in Eurovision this year! Australians are HUGE fans of the show, so organisers are letting them take part this year as a special one-off for the show's 60th anniversary!

Big Euro quiz!

How much do you know about Eurovision? Answers below.



- 1** Austria won in 2014, so this year they get to host the contest! It will be held in their capital city. But what's its name?
a) Vienna b) Vilnius c) Verona

- 2** The country that's come last in the contest the most times is Norway. What is Norway's currency?
a) The Euro b) The Norwonga c) The Norwegian Krone



- 3** In 1973, Slovenia was represented at Eurovision by a choir of singing goats. TRUE OR FALSE?

- 4** Ireland have won the most – seven times! But what's the name of Ireland's longest river?
a) River Shannon b) River Thames c) River Nile

- 5** ABBA were the most successful band ever to perform at Eurovision. What country are they from?
a) Italy b) Sweden c) UK



- 6** The youngest ever winner of the Eurovision Song Contest was just 13 years old! TRUE OR FALSE?

Photos: Valerie Rowles. Thanks to Jayden. All other photos: Getty Images UK.

PAGE 10-11 WHAT'S UP?!

Tinker Bell and the Legend of the NeverBeast Blu-ray ☐

Which story did Tinker Bell originally appear in?

The Lion King ☐ **Peter Pan** ☐

The Lion, the Witch and the Wardrobe ☐

Into the Woods DVD ☐

Which of the following is a fairy tale?

Three Little Pigs ☐ **Harry Potter** ☐

Snow White and the Seven Dwarves ☐

How We Make Stuff book ☐

What are most leather products made from?

Cow skin ☐ **Plastic** ☐ **Recycled paper** ☐

The Accidental Prime Minister book ☐

Can you unscramble the letters to reveal the name of a UK political party? OLBAUR

Tom's Midnight Garden book ☐

Which of the following is NOT a garden flower?

Daffodil ☐ **Pizzaflower** ☐ **Daisy** ☐

PAGE 21 FROM OLD TO NEW!

See Inside Recycling and Rubbish book ☐

Which of the following things CANNOT be recycled?

Aluminium cans ☐ **Glass bottles** ☐ **Cellophane** ☐

PAGE 36-37 PRIZE PLANET!

Woburn mini-break ☐

What is the name of the baby elephant at Woburn Safari Park?

Terry ☐ **Tarli** ☐ **Tiffany** ☐

Big Hero 6 goodies and iPad Mini ☐

Which of the following is NOT a character from a Disney film?

Elsa, Princess of Arendelle ☐ **Buzz Lightyear** ☐

Keith the Hero ☐

Natural History Museum mini-break ☐

Which of the following is NOT a type of butterfly?

Monarch ☐ **Dog** ☐ **Swallowtail** ☐

RC Mini Cars ☐

Can you unscramble these letters to reveal some really vital car parts? SETRY

Rapoo speakers ☐

Which of the following is NOT a famous pop band?

One Direction ☐ **Little Mix** ☐ **Paul's Pop Princesses** ☐

Bike horn ☐

Which of the following should you NOT wear while riding a bike or scooter?

Blindfold ☐ **Hi-visibility clothes** ☐ **Helmet** ☐

PAGE 41 GO BANANAS

Bananagrams ☐

The answers from page 41 are...

Winners will be chosen at random from correct entries. GOOD LUCK!

Now turn over and answer some easy questions!

OVER TO YOU!

Your chance to tell us what you think

● What made you buy NG KiDS this month?

- ☐ If you subscribe, please tick this box
- ☐ WIN Two Wild Family Adventures! ☐ Green Special!
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- ☐ Awesome Armadillos! ☐ Wild Weird Crazy Facts!

● What's the best thing in this issue of NG KiDS?

● What's your least-favourite thing in this issue?

● Do you own a mobile or smartphone?

If so, what make is it?

● What will you be doing for your dad on Father's Day this year?

● Now tell us why...

(You must attach a photo of yourself for a chance of appearing on the Junior Reporter pages!)

● WRITE TO US!

Do YOU want to appear on our Junior Reporter pages? Is there something you're passionate about? Then attach a letter about it to this form – or email it to us at kids@ngkids.co.uk – and we could print it in NG KiDS!

YOUR DETAILS!

Name Date of birth

Address

Postcode Telephone

Email

If you are under the age of 12, please ask a parent or guardian to complete this section:

Parent/guardian's name

Parent/guardian's signature

I acknowledge my child's participation in entering these competitions and/or the reader survey.

Cut along the dotted line and send this entry coupon – and a photo of yourself as well, if you like! – to: NG KiDS Competitions June issue, Unit 1.04 Clerkenwell Workshops, 31 Clerkenwell Close, London EC1R 0AT
Hurry – the closing date for entries is 3 June 2015!

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Fun stuff!

Answers

SPOT OF THE DIFFERENCE (page 10)



TRUNK OF FUN! (page 33)

ALE, ANT, APE, EAT, EEL, HAT, HALT, HATE, HEAP, HEAT, HEAL, HEEL, HELP, LANE, LAP, LATE, LEAP, NAP, NAPE, PAN, PANT, PAT, PEAL, PEAT, PEEL, PELT, PLAN, PLANE, PLANT, PLATE, PLEAT, TAN, TAP, TAPE, TEA, TEEN, TEN, TENT... (Did you find any others?!)



ATTENTION ON SET! (page 43)

Antennae,
Extension lead,
Kitten,
Mitten,
Stencil,
Tennessee (Memphis),
Tennis ball,
Tent,
Tentacle,
Utensils.

WHAT IN THE WORLD (page 44)

Top row: spider, ant, moth. **Middle row:** wasp, dragonfly, grasshopper. **Bottom row:** beetle, caterpillar, cicada. **Bonus:** A flea market

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ADVERTISING PROMOTION

GOOD HAIR DAY

 This Mary River turtle's green mohawk is actually algae growing on its head! The endangered reptile has long, powerful limbs, large webbed feet and a hooked tail, which absorbs oxygen so it can stay underwater for long periods. It's only found in the Mary River, in Queensland, Australia.

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of loo roll are
flushed down
the world's
TOILETS.

DOCTOR DANGEROUS

 To get up close to deadly Nile crocodiles, naturalist and Nat Geo WILD TV presenter Dr. Brady Barr decided to dress up – as one of *them*! Wearing a crocodile suit consisting of a prosthetic head attached to a protective metal cage, Brady was able to crawl on his hands and knees – and get within touching distance of the 4-m-long crocs in Tanzania, Africa. Yikes!

French engineers
have designed an 8-m-high
'Wind Tree' that generates
electricity using **LEAF-
SHAPED** turbines.

The recycling of
one glass jam
jar saves enough
energy to power
a TV for
three hours.

GOING GREEN!

REFUSE REDUCTION

 Dave Chameides, AKA 'Sustainable Dave', didn't bin a single piece of trash in 2008. He used worms to eat his leftover food and waste paper, and by avoiding excess packaging, plastic bags and bottled water, he reduced his annual garbage to what the average American creates in *six days*. All of which he stored in his Los Angeles basement.

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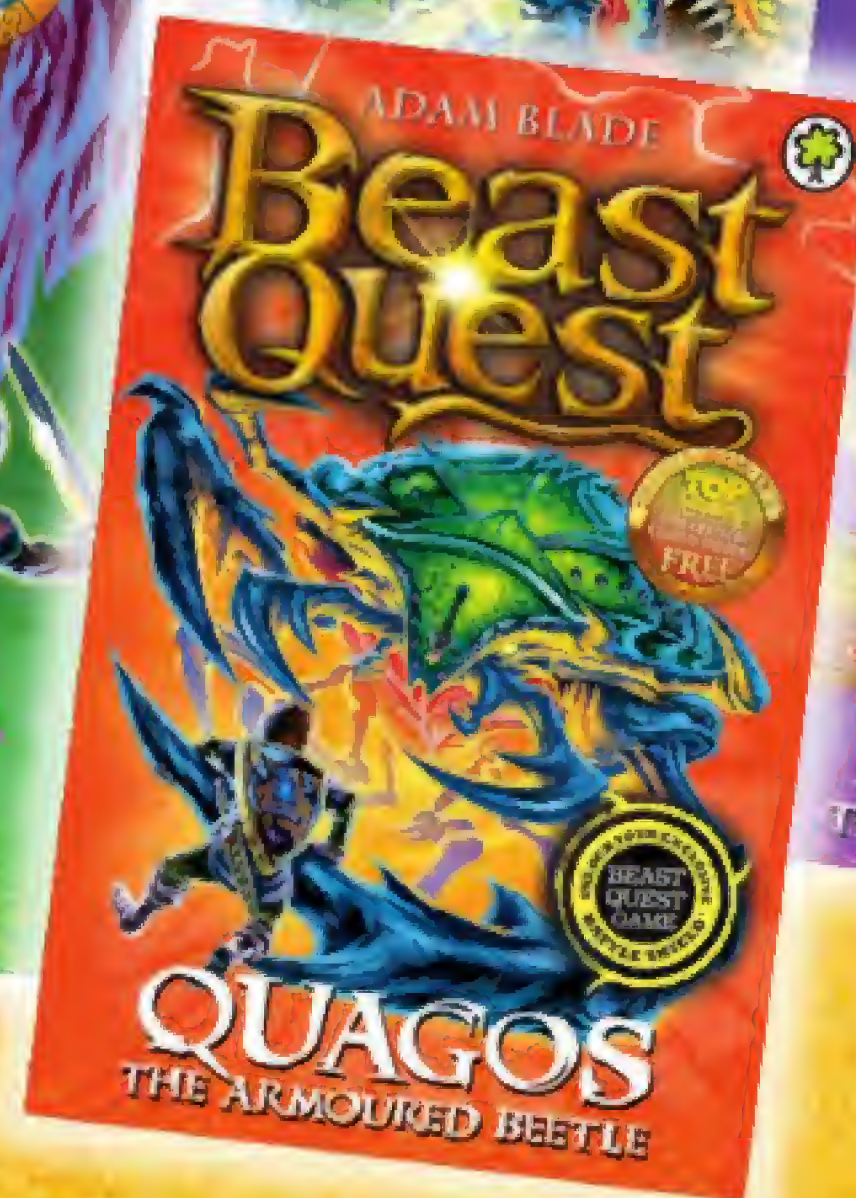
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